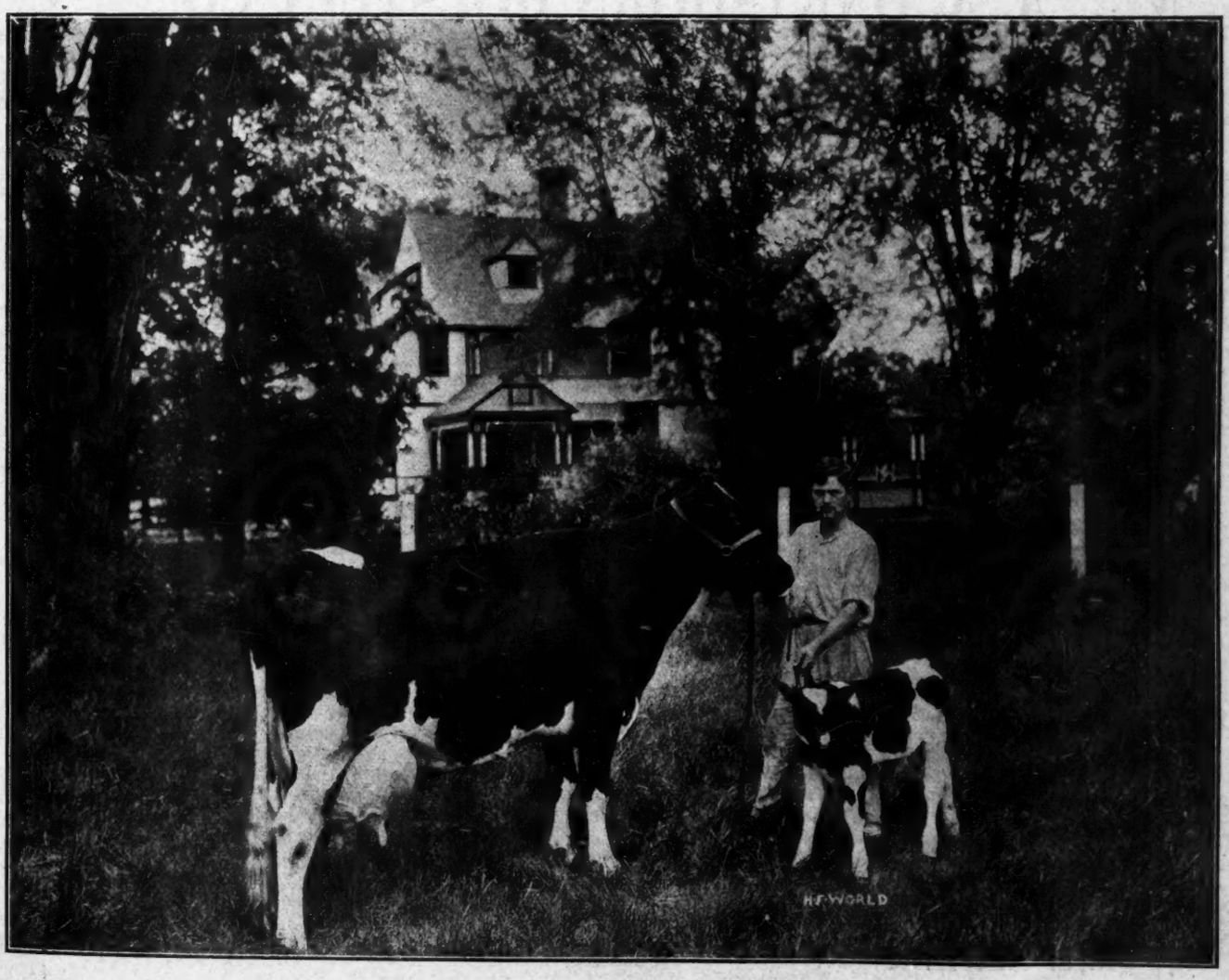
HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

VOL. XII. LACONA, N. Y., FEBRUARY 27, 1915 NO. 9



I am King of the Black and Whites 83354

I have a 30 lb dam, 30 lb grandam and 30 lb. great grandam.

My sire's dam has 30 lbs., and has produced a 30 lb. daughter that has also produced a 30 lb. daughter.

My dam's sire's dam has a 30 lb. record and has produced a 30 lb. daughter and a 30 lb. granddaughter.

As you will see, I am bred in the lines that transmit from generation to generation.

In selecting your next herd sire, just consider these facts.

I will be pleased to send you my illustrated pedigree upon request.

A. A. HARTSHORN HOLSTEIN CO.

HAMILTON, N. Y.

BUY THE BEST

In maintaining and improving a herd of Holsteins, there is no point that requires better judgment, or more farsightedness than in choosing a herd sire. He is the keystone of the herd, and if he carries the blood of poor producers, or of poor individuals, he will injure instead of improve your future herd.

We are breeders and not dealers, and know the quality of the ancestors back of the young bulls we are offering. They are priced low for the quality, and if you will give us an idea of what you wish —age, records, and amount you would invest, we undoubtedly will be able to meet your requirements. Here are a few samples:

KING QUALITY WALKER DE KOL, born Jan. 24, 1914, a handsome, light colored, well built bull with a great combination of breeding. His sire, King Quality, has an average of 32.13 lbs. of butter and 595 lbs. of milk in seven days for his four nearest dams. His dam, Walker Pietertje Babe is a daughter of Admiral Walker Pietertje who has three thirty pound daughters. After making a two-year-old yearly record of 14,360 lbs. of milk and 652 lbs. of butter, she freshened as a 3-yr-old and made 26.99 lbs. of butter in seven days and 112.9 lbs. in thirty days, giving over 80 lbs. of milk in one day. She has already taken $52.50 in prize money and, barring accidents, will make 30 lbs. at her next lactation period.

WALKER QUALITY KING, born March 3, 1914. He is low down, broad and level, a handsome individual, slightly more than ½ dark in color. His sire is King Quality whose ¾ sister, dam and grandam, are the youngest family of three direct generations of thirty pound cows. His dam is Walker Pietertje Artis, a daughter of Admiral Walker Pietertje. At four years she made 22 lbs. of butter and 520 lbs. of milk in seven days, 92.5 lbs. of butter and 2192 lbs. of milk in thirty days. She is dam of a 21-lb. jr. 2-yr-old, and is due to freshen this spring when she should make a big increase in her record.

We will gladly furnish tabulated pedigree and full information regarding these bulls. Our bulls are priced to sell quick.

BONALEVO FARMS

R. E. CHAPIN & SON **Box C** **BATAVIA, N. Y.**

A Theory and a Proposition

The Theory of Breeding

Appeals to the common sense. "Like produces like" is not difficult to understand, nor "The qualities desired in the offspring must be prominent in the ancestry," which is simply another way of saying the same thing.

If transmitting power could be reduced to a tangible basis there would be no excuse for failure in breeding operations. That, however, is the "elusive factor" in the solution of our breeding problems.

If all the ancestors, however, have proven their superior transmitting ability, as well as their own producing quality, and are individually the kind we want to breed—we can count with reasonable certainty on what the offspring will be.

Kearsarge Pontiac Butter Boy has the greatest milk backing of any bull in the East, and splendid butter producing ancestry as well. Both sides of his pedigree contribute to a unified whole. We know what his ancestors have done, and this knowledge makes us look forward to WONDERFUL RESULTS from his offspring. We believe a study of his pedigree would convince you likewise. It will be gladly sent upon application.

The Proposition

Kearsarge Pontiac Butter Boy, having been bred to all our cows and heifers of serviceable age, is now available for rental during the spring and summer IN THE RIGHT HERD.

Hastings & Prescott

Lacona, N. Y.

King Segis Pontiac Chicago

The bull whose purchase in the June, 1914 Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lb. of butter in seven days, but under Official Test produced nearly 10,500 lb. milk and over 540 lb. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lb. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lb., but in Official Test produced over 37 lb. of butter in seven days, followed by a year's record of over 25,000 lb. of milk, testing over 4%, making more than 1,000 lb. of butter fat, when she again freshened and produced over 32 lb. butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lb. and fifty-eight proven sons.

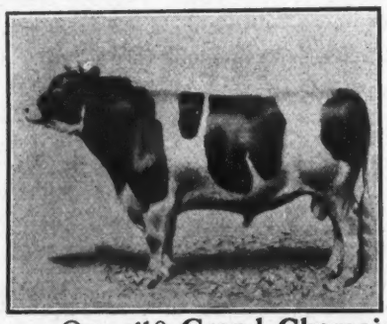
His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam, Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin which was many years ago, and at the age of twelve years produced over 18 lb., easily the equivalent of 30 lb. to-day.

King Segis Pontiac Chicago, born February 5th, 1914, has extraordinary development and possesses great individual merit.

The Bull of Outstanding Lineage Outstanding Individuality
Outstanding Promise

OWNED BY

H. Stillson Hart, Geo. E. Van Hagen, Spencer Otis, Jr.
BARRINGTON, ILL.



New York, Wisconsin and Illinois State Fairs

Iowa Dairy Cattle Congress

National Dairy Show

A Sweeping Record for 1914 at the World's Greatest Holstein Shows.

Out of 18 **Grand Championships** in the seasons of 1913-14 we win 17. Our **Exhibitors Herd** and **Dairy Herd** were never beaten. In fact we were winners in every class we entered. The verdict is they must be **WORLD BEATERS.**

King Segis Pontiac and Johanna McKinley Segis

head our herds and it's time you were looking for a future herd sire bred from the most

Fashionable Breeding, Largest Records, Best Individuals

Sons of the above sires from

A 29.71 lb daughter of Korndyke Queen De Kol Prince.
A 25.72 " " De Kol 2d Butter Boy 3d.
A 25.61 " " Paul Beets De Kol.
A 25.39 " " Woodcrest Hengerveld De Kol at 4 yr.
A 25.49 " " Sir Lilith Posch at 4 yr.
A 24.17 " " Hengerveld De Kol at 4 yr.

Several others from good record dams of the very best breeding.

For pedigrees, descriptions and prices write us what you want

R. E. HAEGER, Algonquin, Ill.

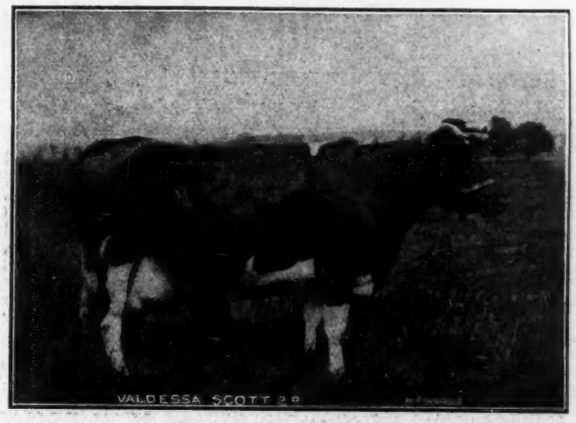
Ready for service

A son of King of the Pontiacs.
Dam a 24-lb. 3-yr.-old daughter of King Segis Pontiac.

Two sons of Oakland Paul Beets Burke. Dam of one a 24-lb. 3-yr. daughter of Hengerveld De Kol. Dam of one is Aconeth Lady, the Grand Championship winner.

Son of Woodcrest Hengerveld De Kol. Dam a 26.6 lb 3-yr. daughter of Paul Calamo Korndyke, the World's Greatest Winner. This calf was 1st at New York State Fair.

You Know Me



Yes, I am Valdessa Scott 2d, No. 72311.

My A. R. O. records are, at 8 years, butter 41.88 lb. 7 days and 164.24 lb. 30 days. At 10 years 37.49 lb. 7 days and 142.49 lb, 30 days. I am the dam of

King Valdessa No. 137495

the greatest bred young bull of the breed. These are my five living daughters. They are a business lot. They are as follows:

Valdessa Ormsby De Kol No. 140444. Butter, 7 days, 32.98 lb.
Valdessa Ormsby 140443. " " 24.79 "
Valdessa Clarkhurst Pietertje No. 96583. " " 21.56 "
Finderne Valdessa Pontiac No. 184477 has not freshened.
Finderne Valdessa Korndyke 235675 has not freshened.

My grandsons and granddaughters make a large family.

Now, Mr. Reader, if you are in want of anything in Black and Whites, you had better write the owners of the famous Valdessa family for prices, etc. Address

SOMERSET HOLSTEIN BREEDERS CO., Somerville, N. J.

King Pontiac Alcartra Johanna

A son of the **$50,000** bull, King Segis Pontiac Alcartra, from the wonderful 34-lb. cow, Manor Johanna Pietertje Lady who comes of 40-lb. breeding on both sides and is backed for generations by A. R. O. record ancestry. The records of his dam and the three nearest dams of his sire average, **butter 7 days—33.43.**

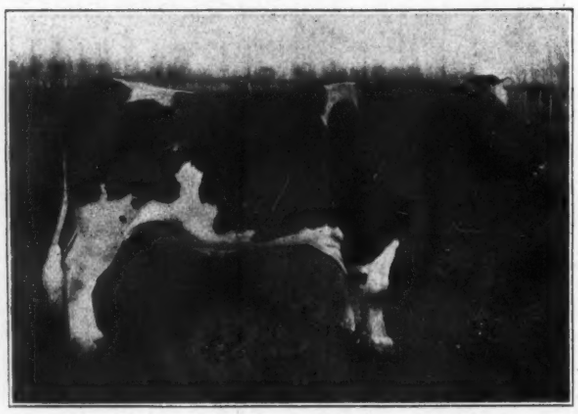
If you want to share in the most popular breeding of today breed a few cows to King Pontiac Alcartra Johanna.

Service fee to insure approved cows only $100.00 Send for pedigree.

D. D. DECKER & SON

Picnic Grove Dairy **South Dayton, N. Y.**

Sir Pietertje Ormsby Mercedes 44931



Dam: Pietertje Maid Ormsby 35.56 lb. World record 1911.

Sire of:

Bess Pietertje Ormsby Mercedes 759 lb. milk, 33.15 lb. butter at 3 yr. 3 mo. World record junior 3-yr.-old.

Queen Piebe Mercedes, 2 yr. 10 mo., 526.5 lb. milk, 29.845 lb. butter. World record senior two.

Aaggie Wayne Pietertje Ormsby, 25.31 lb. butter at 2 yr. 5 mo.

Helena Ormsby De Kol 3d, 25.1 lb. butter at 2 yr. 5 mo.

First prize "get" at National 1913 and 1914. "Get" never defeated at 11 fairs 1914.

Sir Korndyke Hengerveld De Kol 36th

First Prize two-yr-old Minnesota and National 1913.

Sire of:

Sir Korndyke Fytje, 1st prize yearling National 1914.

Sir Korndyke Ormsby Piebe, 1st prize junior calf, National 1914.

First daughter to be tested has nearly 18 lb. at 24 months of age.

We have several bulls out of high record daughters of Sir Pietertje Ormsby Mercedes and sired by Sir Korndyke Hengerveld De Kol 36th. Those bulls are fine individuals, nicely marked. They have a combination of individuality and records hard to beat.

For pedigrees and prices write:

Moorhead E. C. SCHROEDER, Minnesota

H. M. DUNHAM T. E. GETZELMAN
Marcellus, N. Y. Hampshire, Ill.
G. H. TRUCKELL, Liverpool, N. Y.

HOLSTEIN SALES COMPANY

LIVERPOOL, N. Y.

Established for the benefit of buyers, sellers and breeders of Holstein-Friesians, the greatest of all dairy breeds

Catalogs, Circulars, Stationery and Test Books

Sales held and managed anywhere in North America

Consignment and Dispersion Sales our specialty

G. H. TRUCKELL, Sec., Liverpool, N. Y.

ATTEND OUR SALE

Tuesday and Wednesday, March 2d and 3d, 1915

At the Sale Pavilion, Syracuse, N. Y.

It is worth your while.

The first animal, 10 A. M. Tuesday March 2d, will be a 28 lb. granddaughter of King Segis, her dam a sister to Valdessa Scott 2d, the first 40 lb. cow.

BE ON HAND.

THE COMING SIRE

KING SEGIS PONTIAC ALCARTRA 79602

A good start is a great help in any race. King was 4 years old November 16th, 1914. His first two daughters have just freshened, and each has produced over 21 lb. at 2 years. Over sixty young daughters in our herd. All our best cows in calf to him. Will serve more 30-lb. cows than any other sire this year. His sons head many of the greatest herds. Yes, King certainly is getting a good start, and he is bound to finish strong, for he is traveling faster with every lap. For this reason, NOW is the best time you will ever have to get onto the wagon with King, for there will not be enough places to go around.

We have only a few sons of King left, but they are the sort that will reserve a place for their owners Write for complete information, or better yet come and see them.

JOHN ARFMANN, Fairmont Farms, Middletown, N. Y.

YOUR SUCCESS As a Breeder

DEPENDS ON YOUR HERD SIRE

In making this important selection you should consider—

1—**QUALITY**—real quality—**every line a good one**—anything else will prove more or less disappointing.

This should cover both individuality and the ability to produce and reproduce.

Insist on all these characteristics.

2.—**PRICE**—most of us have to give this point serious consideration—although if we are getting our money's worth—the more we pay, the greater will be our returns.

WE SUBMIT this offering for your consideration— a bull born Dec. 14, 1913—a splendid individual, ready for service right now.

Sire—Lewis Prilly Rouble Hartog 2d 63776.

Dam—Meadowbrook Prilly Daisy 144304, **a 30-lb. 3-yr.-old** daughter of Sir Prilly Walker. 2d dam, a 20-lb. cow; 3d dam, a 20-lb. daughter of Johanna Rue 3d's Lad.

See our ad. Feb. 13 and 20 concerning Lewis Prilly Rouble Hartog 2d and Sir Prilly Walker.

This is one of the best prospects for a successful herd sire we know of. He is priced very reasonably, for delivery after the quarantine is lifted.

Meadow Brook Farms, Blairstown, N. J.

JOHN C. SHARPE, Prop. **R. L. WILLIAMS, Supt.**

Our LeadingHerd Bull

With his dam and sire

Segis Pontiac De Kol Burke is our ideal of what a sire should be. Consider the following facts concerning him.

Individuality—He has been **twice** a first-prize winner at the California State Fair; his sire and dam have both been Grand champions at the same show, while his grandsire was twice a first-prizer winner at New York State Fair.

Transmitting Power—He closely combines the blood of De Kol Burke, Pontiac Korndyke, Hengerveld De Kol, King of the Pontiacs and King Segis—together the sires of forty 30-lb. daughters. His near relatives have produced a very large proportion of the greatest milk producers.

Producing Ability—His dam, Riverside Sadie De Kol Burke, is the greatest milk producer the dairy world has ever known, averaging 124 5 lb. milk per day for a month in official test and over 100 lb. per day for six months semi-officially. She has also outdistanced all competition for two consecutive years, with over 54,800 lb. On the sire's side, Pontiac Clothilde De Kol 2d, the first 37-lb. cow, and the first cow to produce over 1000 lb. of butter fat in a year.

His Opportunity—At 2 years old he now has twenty daughters in our herd, including a yearling from Tilly Alcartra, the only 30,000 lb. cow. 75 of our best cows (including Tilly Alcartra) are now in calf to him. Every daughter will be officially tested, and we expect to make him the greatest sire in the West.

Your Opportunity—A few young sons of Segis Pontiac De Kol Burke are available out of high record cows, several of which are 20,000-lb. half sisters to Aralia De Kol, the Champion 11 and 12-year-old You will find our prices reasonable.

A. W. MORRIS & SONS CORP., Woodland, Cal.

A Son of Sir Veeman Hengerveld

Cannot fail to be good property, for if he is simply kept a year or two he will be worth more than the original cost, owing to the records continually being made by his relatives, (see our ad. last week), to say nothing about the superlative quality of his offspring—for sons of Sir Veeman Hengerveld **make good.** One of them has just produced a 31-lb. daughter.

Here is one of his sons just about ready for service:

SIR VEEMAN HENGERVELD 16th

is his name, and he was born April 7, 1914. He is a good individual (that's the only kind we breed) and well grown. His dam, a 22.94-lb. 3-yr.-old, is a granddaughter of that wonderful foundation cow and producer, Sadie Vale Concordia (30.64 lb.), the first 30-lb. A. R. O. cow. She comes of good breeding on both sides and is a splendid producer, averaging over 4 per cent for both 7 and 30 days.

Sir Veeman Hengerveld 16th is a bull of the right sort, and will be sold at a right price.

Address,

W. D. ROBENS Pleasant Hill Herd Poland, N. Y.

Holstein-Friesian World

Vol. XII LACONA, N. Y., FEBRUARY 27, 1915 No. 9

A Trip Among Minnesota Holstein Breeders

The Woodlake and Clover Farm Herds

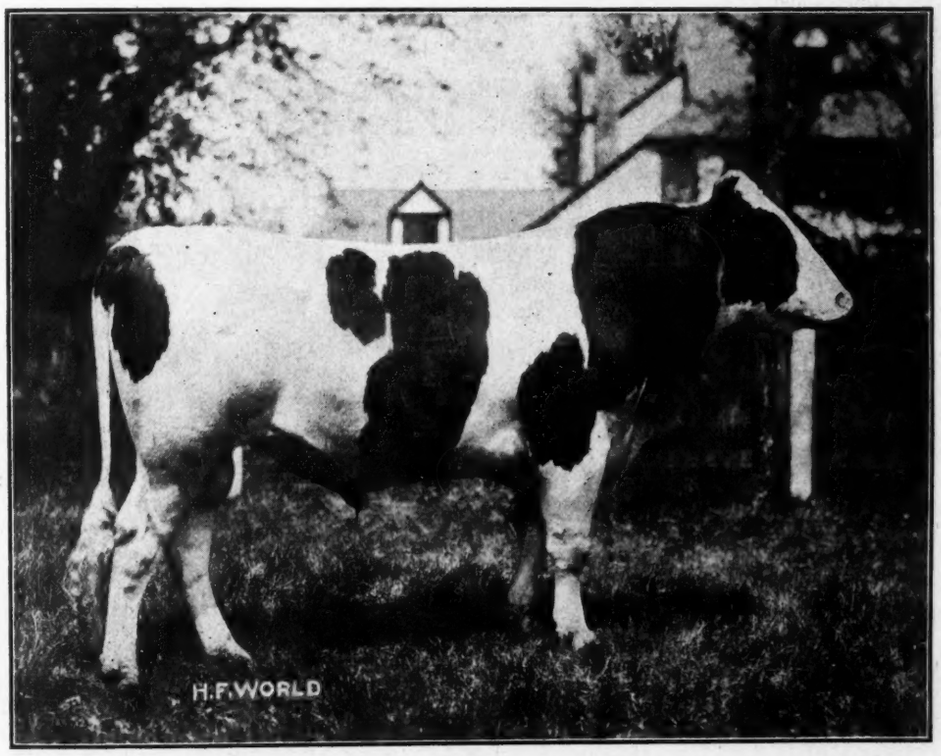
By M. S. Prescott.

IT HAS been a common saying that a prime requisite for success, in breeding, is to establish an ideal. But to have an ideal, and to attain to one, are entirely different propositions. The Woodlake and Clover Farm Herds furnish a splendid illustration of the result of intelligent effort in breeding for a definite ideal. For in these herds today, practically all of the animals bred on the farms, or of Woodlake lines of breeding, approximate the type and characteristics originally decided upon by the proprietor as the goal of his effort. These characteristics are:

1. Quantity and Quality of milk.
2. Strong constitution.
3. Large, smooth, uniform type.

It is not sufficient that what is usually referred to as the "business end", shall measure up to the standard. The front end, too, must be able to pass inspection. There must be depth through the heart and lungs, as indicative of ability to continue year after year. This particular kind of individuality has been insisted upon from the start, and the results of official tests and show ring competitions seems to bear out the wisdom of this double standard.

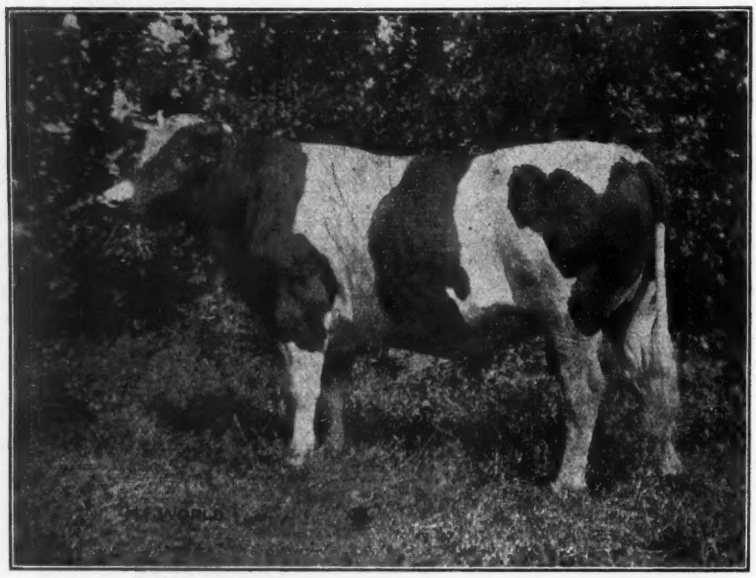
Before proceeding with a description of these Herds as at present constituted, it might be well to consider briefly a little of the history of the herd. The main farm has been in the Irwin family some years, but was purchased by the present owner, Mr. John B. Irwin, in 1900. Mr. Irwin was graduated from the University of Minnesota in 1898, and this course, together with his natural aptitude, fitted him particularly well to make a success of the business. Twenty head of pure bred Holsteins were purchased with the farm. At the head of this little herd stood Virgo Beauty Duke, a son of Jewel 2d's Crown Jewel and Virgo Beauty 2d, bred by Mr. E. F. Irwin. The individuality of this sire is indicated by his show ring record, which includes four first prizes, two Senior Championships, and a Junior Championship at the Minnesota State Fair during the period from 1897 to 1902. In 1903 he was sire of both Junior Champions at the same exhibition. He sired sixteen of the 20 head shown by Mr. Irwin at the World's Fair St. Louis 1904 that won both Grand Premiers Breeders and Exhibitors' championships. Eleven herds competing. And one of his



KING KORNDYKE COLANTHA ORMSBY 96546—At 2 years old. Sire, Colantha Johanna Champion, son of Colantha 4th's Johanna (35.22 lb). Dam, Miss Korndyke Maid Ormsby, a 29 lb. 4-yr-old daughter of Pietertje Maid Ormsby (35.56 lb.) Six of his closest blood relatives average 35.05 lb. butter in 7 days. Each of the four lines in his pedigree contains one or more World's record cows. At the head of Woodlake Herd.

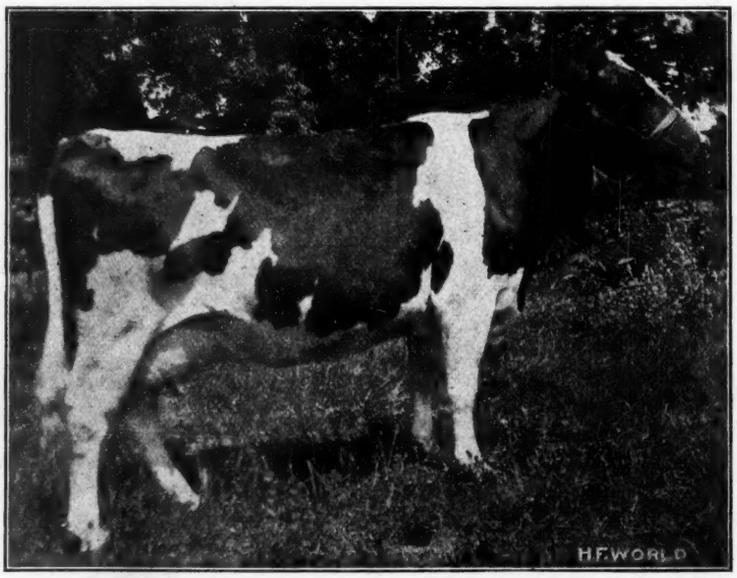
daughters, in later years, was Grand Champion of the 1911 National Dairy Show.

The first addition of importance was part of the herd of Thomas Irvine, St. Paul, Minn. This herd was of remarkable quality, and was fast winning for itself a place in the front rank. This herd came largely of Smith & Powell breeding, the Netherland, Clothilde, Aaggie, Mechthilde and Josephine Artis lines being prominent. The head of this herd was Mechthilde Josephine Chief, whose offspring proved to be not only remarkable individuals, but good producers. One of the best was Chloe Mechthilde, a 23.94 lb. cow that, as a member of the Woodlake herd, has won signal honors in the show ring.



VIRGO BEAUTY DUKE 24528—Never beaten in the show ring, except by one bull that he defeated as a 2-yr-old. Sire of 4 of First Prize Young Herd, Get of Sire and Junior Champion bull at Minnesota State Fair 3 years in succession. Sire of 16 of Grand Premier Breeder's and Exhibitor's Herds at World's Fair, St. Louis. Sire of First and Second Prize Aged bulls at the Alaska-Yukon-Pacific Exposition. Sire of a grand champion bull and grand champion cow at the National Dairy Show. Bred by E. T. Irwin; owned by John B. Irwin, Woodlake Herd, Minneapolis, Minn.

The 24-lb. cow, Kaan Marie Clothilde, was one of the best cows in the Irvine herd. She has produced not only seven A. R. O. daughters, two A. R. O. sons and five producing daughters, but also the wonderful show bull Kaan Jewel of Woodlake, her first calf bred at the Woodlake herd. He is a son of Virgo Beauty Duke, and has quite as good a record as a prize winner. Having won 11 championships including the National Dairy Show and the Alaska Yukon Pacific Exposition.



CHLOE MECHTHILDE 49535—Butter, 23.61. Grand Champion and dam of 1st prize 2-yr-old at Lewis and Clark Exposition. Prize winner with 4 of her produce at World's Fair St. Louis. Raised and developed at Woodlake. Sold to P. A. Frakes, Scappoose, Ore.

At the St. Louis World's Fair in 1904 the Woodlake Herd was a leading contender, and was awarded both the Grand Premier Exhibitors Championship and the Grand Premier Breeders Championship, the latter award being duplicated at the Lewis & Clark Exposition, Portland, Ore., in 1905.

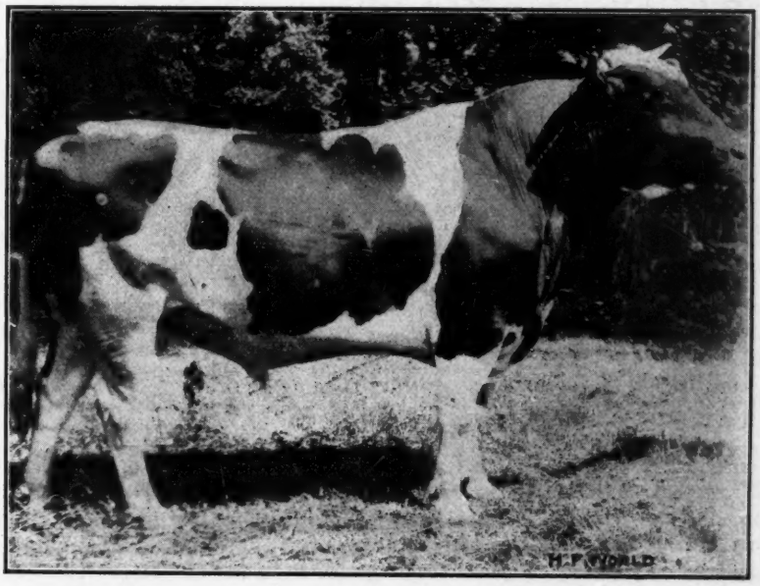
In 1909 at the Alaska-Yukon-Pacific Exposition, while the herd represented only in young classes, animals bred at Woodlake won first, second and third in the aged bull class. In 1911 the show herd was taken to the Iowa Dairy Cattle Congress and National Dairy Show, being awarded the banner of premier exhibitor, and Senior and Grand Championship on males at the former, and both Senior and Grand Championship and one Junior Championship at the latter.

It will thus be seen that the Woodlake Holsteins have demonstrated their ability to win their share of the prizes in any competition. For this reason the announcement that a show herd may be sent to the Panama-Pacific next year takes on a special significance.

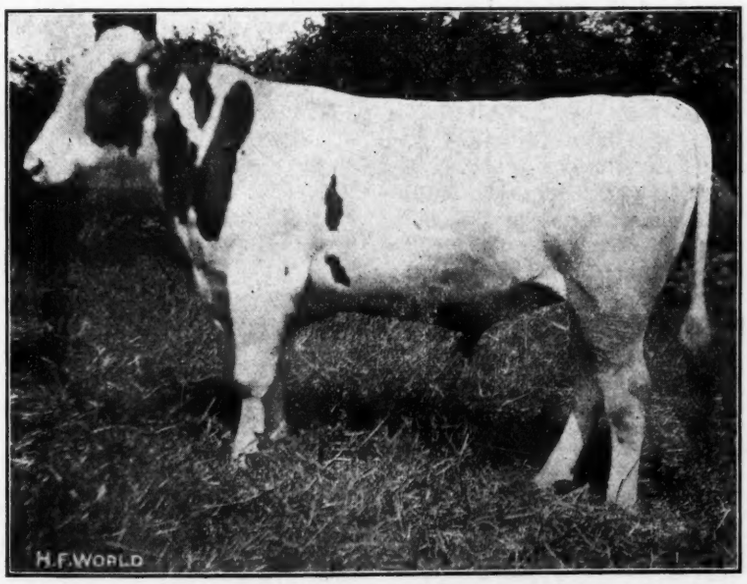
But we are getting ahead of our story. The next important epoch in the history of the herd after the annexation from the Irvine herd, was the purchase in the summer of 1906 of the entire M. H. Gardner herd, a transaction which is responsible for a goodly part of the reputation of the Woodlake Herd today. In the herd were a large number of daughters of Sir Ormsby Hengerveld De Kol a sire now ranking among the greatest of the breed. These daughters are of a remarkably uniform type, measuring up to the standard previously set by the Woodlake Holsteins. Perhaps the best one in the lot, certainly the most widely known, is Pietertje Maid Ormsby. As a 2-yr.-old she did not set the world afire, making a record of 229.7 lb. milk, 11.06 lb. butter. The next year, at 3 yr. 3 mo., she evidenced splendid development, producing 26.17 lb. butter in 7 days, 107.83 lb. in 30 days; 4.18 per cent fat for 7 days and 4.17 per cent for 30 days. She thus became the third heifer in two months to surpass the earlier record of Katy Spofford Corona (26.03 lb.) in this class, which had stood for over seven and a half years. Although she bred very regularly, conditions were not favorable for another test until she reached her six-year-old form, when the culmination of her record making

was achieved. Beginning her test late in March 1911, she produced 35.56 lb. butter, 535.4 lb. milk in 7 days; 145.66 lb. butter, 2567.8 lb. milk in 30 days—the latter butter record breaking all previous efforts in this division, and the 7-day record standing third at the time. She was continued in semi-official test, although no effort was made to set a mark here, her milk being simply weighed as she went along in her regular dairy work. During this test she was out on the show circuit, not only at the state fair but at the dairy shows. She finished with 15,972.2 lb. milk, 742.31 lb. butter. Freshening again in just two months, she produced under the same conditions 16,531.8 lb. milk, 759.13 lb. butter in 365 days. She is now making her fourth continuous semi-official yearly record, having over 2,200 lb. butter, 48,000 lb. milk in her three consecutive years. At the age of nine years she has dropped seven calves, six of which are now living.

From the fact that Pietertje Maid Ormsby was of the first prize herd at the Dairy Shows, it might be inferred that she is individually extra good. Such an inference, however, is not putting it strong enough, as she is really one of the grandest cows of the breed. Large of frame yet fine and free from coarseness, she closely approximates the Woodlake type—good at both ends and in the middle. Her pictures fail to do her justice, but serve to give fairly good idea of her appearance. She is a cow that looks like a world beater, and is really just as good as she looks. Pietertje Maid Ormsby, then, is right up among the best of them as a producer and also as an individual. But what has she been able to show in the transmitting line? Thus far, she has had one daughter, Miss Korndyke Maid Ormsby, by name, and she has records of 21.24 lb. in 7 days; 84.35 lb. in 30 days at 2 yr. 5 mo.; 25.25 lb. in 7 days, 106.01 lb. in 30 days at 3 yr. 4 mo.; and now at 4 yr. 6 mo. 29.27 lb. butter, 643.2 lb. milk in 7 days; 115.04 lb. butter, 2,541.8 lb. milk in 30 days; a fairly good start for a heifer of her age. She is a very nice individual, lacking, as yet, however, quite a bit of the development of her dam.

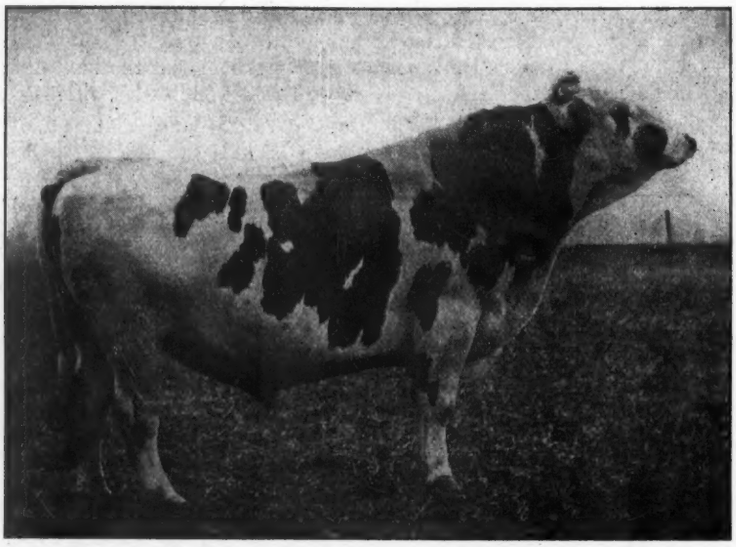


KAAN JEWEL OF WOODLAKE—Prize Winner at St. Louis World's Fair and at Lewis and Clark Exposition. Winner of eleven championships including National Dairy Show, Alaska-Yukon-Pacific Exposition, and 6 different State Fairs. Bred and developed in Woodlake Herd.



SIR MECHTHILDE JEWEL 32732—First Prize calf Minnesota State Fair 1903. First Prize Yearling Minnesota State Fair 1904. First Prize Yearling World's Fair, St. Louis, 1904. First Prize 2-yr-old Lewis and Clark Exposition 1905. First Prize 3-yr-old Washington and Oregon State Fairs 1906. Second Prize Aged Bull Alaska-Yukon-Pacific Exposition. Bred and developed at Woodlake Herd. Sold to P. A. Frakes, Scappoose, Ore.

Her first calf was the bull, Sir Pietertje Ormsby Mercedes, sired by Jack Mercedes, a grandson of the first 29-lb. cow, Mercedes Julip's Pietertje, out of an untested cow of extraordinary merit. This bull was bred by A. C. Loring of Minneapolis who owned the Gardner herd for a few months before it was added to the Woodlake Herd. Sir Pietertje Ormsby Mercedes won first prize as a yearling at the Minnesota and Wisconsin State Fairs, perhaps a sufficient recommendation of his merit as an individual. As a sire he proved the sensation of last year, one daughter, a 33-lb. junior 3-yr-old, breaking the World's Milk Record in her class, and twenty-three junior 2-yr-olds making records averaging over 20 lb. Another senior 2-yr.-old broke the World's Record in her class with a 7-day production of 29.85 lb. She is just finishing her year with about 1,000 lb. butter. His daughters have won first prizes at the National Dairy Show the last four years—Junior Championship twice and Grand Championship once, as well as first prize "get of sire" twice. Twenty of his daughters have recently been added to the Woodlake herd, including Buffalo Maid 2d, last year's Junior Champion at the Dairy Show. They give wonderful promise for the future, Sir Pietertje Ormsby Mercedes is thus a credit to his breeding. The resemblance of his prize winning daughters at the National Dairy Show to their grandam was most marked and furnish another proof of the prepotency of Pietertje Maid Ormsby. Since we were in



SIR ORMSBY HENGERVELD DE KOL—61 A. R. O. daughters, 3 over 30 lb. butter in 7 days. 7 average over 30 lb. One of the greatest and most prepotent sires of the breed. Formerly at the head of Woodlake Herd.

Minnesota, Mr. Irwin has secured a half interest in Sir Pietertje Ormsby Mercedes and he will be mated with some of the best females in his Woodlake and Clover Farm Herds.

Next came King Korndyke Hengerveld Ormsby, the famous $7,500.00 bull who now has 17 A. R. O. daughters with records up to 31 lb. Another younger son, a yearling, is owned by Mr. Irwin, while her youngest, perhaps the most promising individual of them all, is now getting a fine start almost under the eye of his mother. This youngster gives promise of developing into a remarkable show bull, being hard to fault in any particular at the present time. A half interest in him has just been secured by Mr. E. C. Schroeder.

But so much for Pietertje Maid Ormsby. She is not the whole Woodlake Herd, although she is one of the most important parts of it. Her sister, Gracie De Kol Ormsby, with records of 33.32 lb. butter, 698.5 lb. milk in 7 days; 130.996 lb. butter, 2,905.2 lb. milk in 30 days, runs her a close race for individual honors, having defeated her in the show ring upon some occasions. Personally, however, I preferred Pietertje Maid.

It would not be a difficult matter to go right through the Woodlake Herd and pick out the daughters of Sir Ormsby Hengerveld De Kol, so similar are they in type. In thus going through we would encounter Pietertje Hengerveld Maid of Grouw, the full sister of Pietertje Maid Ormsby, with a record of 23.35 lb. from three- quarters of her udder; Grace Ormsby De Kol Hengerveld, with 29.28 lb. in 7 days; Daisy A. Mercedes 5th's Ormsby, 28.41 lb. and numerous other high record representatives. In looking over these daughters of Sir Ormsby Hengerveld De Kol, one cannot help being impressed with his wonderful power of stamping his own characteristics upon his offspring. The photograph we are publishing in connection shows just the sort of bull you would expect to see after inspecting the daughters. He was in service in the Gardner herd the last year before it was sold, and he then went to Reddelien Bros., of Wisconsin. When the daughters began to show what they were, Mr. Irwin purchased him and thus was able to add largely to the total number of his daughters.

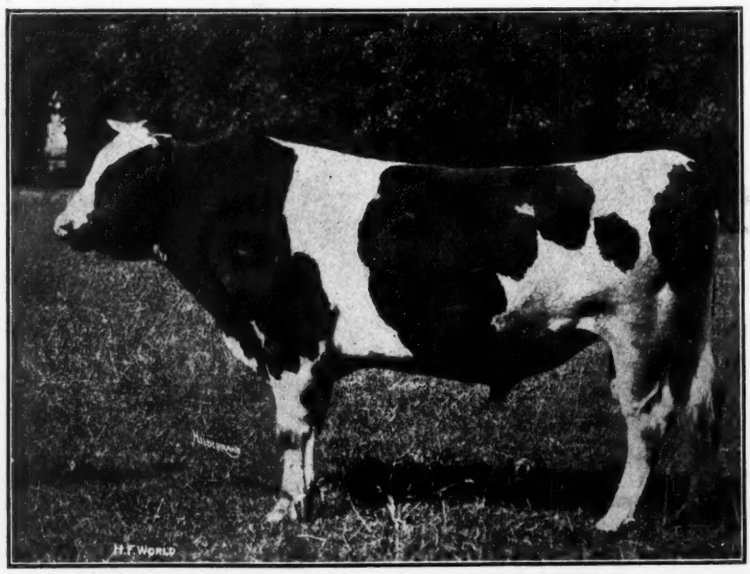
But still we have not exhausted the store of good things in the herd. There are the daughters of Sir Korndyke Hengerveld De Kol, until recently the senior sire in the herd. He was by Hengerveld De Kol, and from Pontiac Darkness, a 26-lb. 4-yr-old daughter of Pontiac Korndyke. His daughters are very good individuals, although perhaps not quite up to the standard of the Ormsbys. Among his offspring are the 29-lb. daughter of Pietertje Maid Ormsby, and a number of others with records nearly as large.

Not least among the remainder of the herd is Skylark Canary, a daughter of one of the former herd sires, Canary Mercedes Paul. She has just completed a 7-day record of 30.8 lb., and was pointed out by Mr. Irwin as very closely approaching his ideal type.

Then there is Buffalo Duchess Skylark, a granddaughter of Sir Ormsby Hengerveld De Kol. At 5 years 4 days old she was just finishing her week and it was hoped she would reach 34 lb. at the time of my visit. Her final figures, I understand are 34.35 butter. She is a young cow of fair size and a very beautiful lown down smooth type. Her dam, Oakhurst Duchess Clothilde, is another splendid individual, apparentlyof greater capacity than her daughter The daughter made at 2 years 1 month 731 lb. butter in a year then next to the World's record for age and her sister 688 lb. at the same age.

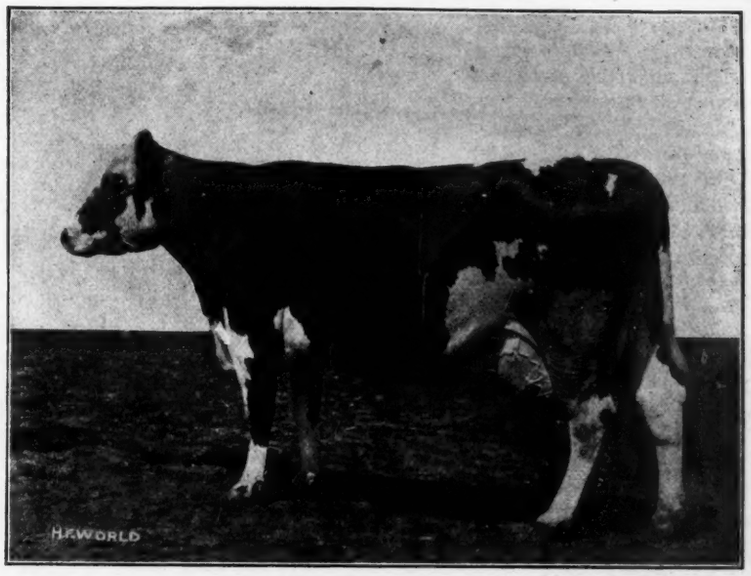
Also, Buffalo Maid, another 30-lb. cow, a daughter of Canary Mercedes Paul, and the dam of last year's Junior Champion at the National Dairy Show. Pearl Wartena is another great 30-lb. cow that produced 701.1 lb. milk in 7 days.

The most of us will remember the latest acquisition to the Woodlake Herd, i. e., the entire herd of Mr. R. B. Young, Buffalo Center, Ia., purchas-



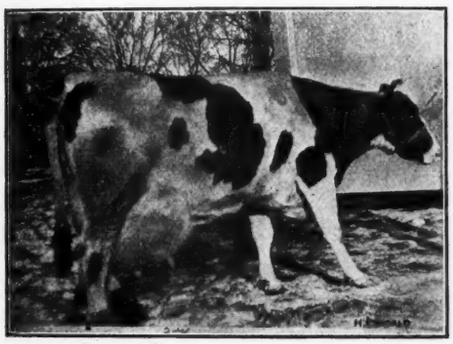
SIR KORNDYKE HENGERVELD DE KOL 41266—27 A. R. O. daughters, 7 averaging over 25 lb. at 4 years. A son of Hengerveld De Kol, from a 26-lb. daughter of Pontiac Korndyke. Former head of Woodlake Herd. Now owned by the Missouri Agricultural College.

ed this last year. It was in this herd that Paul Beets De Kol spent his last days, and he has left a goodly number of daughters and granddaughters. Among the daughters is the sensational heifer, Buffalo Aaggie Beets, with a junior 3-yr-old record of 22,485.7 lb. milk, 932.43 lb. butter in a year, these figures giving her third place for butter, and second place for milk in her class. Her dam, Aaggie Johanna Rue, has a year's record as a senior 4-yr.-old, of 905.13 lb. butter, 20,343.4 lb. milk, and she is a daughter of Heilo Aaggie Johanna 3d, one of the oldest cows in the herd, and the dam or grandam of 7 of its members. The purchase of the Young herd also added the two 1,000-lb. sisters, Pauline Queen Johanna (1,024.65 lb. butter, 25,660.1 lb. milk) and Spotted Lizzie 3d (1,009.-87 lb. butter, 24,347.9 lb. milk). A son of the former was first prize 2-yr.-old at the National Dairy Show this year.



GRACIE DE KOL ORMSBY 78058—Butter 7 days, 33.32; butter 30 days, 130.99; milk 1 day, 108.10. A prize winner at leading exhibitions. A daughter of Sir Ormsby Hengerveld De Kol. Bred by Malcolm H. Gardner; owned and developed at Woodlake.

From the records given it might be inferred that the Woodlake and Clover Farm herds as dairy propositions are returning good profits, and it is indeed so. "Sanitary" milk is produced,

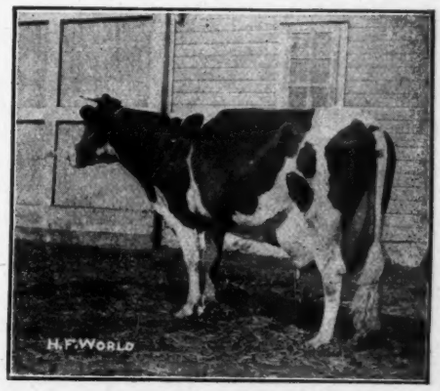


PIETERTJE MAID OF GROUW 3d 53646—Butter 7 da., 19.45; butter 30 da., 79.88; Dam of Pietertje Maid Ormsby, 35.56; Buffalo Maid, 30.38; Piet. Heng. Maid of Grouw, 23.35. Bred by M. H. Gardner, Darien, Wis. Owned at Woodlake Herd.

which sells wholesale for 9 and 10 cents per quart. It does not take much figuring to prove that if the ordinary dairyman can make both ends meet at $1.75 to $2.00 per hundred, there must be a good margin of profit in these prices, especially when it is considered that the Woodlake females are far and away above the average as producers. They are housed in modern barns where every provision is made for their comfort and health. In 1904 Mr. Irwin laid the foundation for Clover Farm Herd by the purchase of 180 acres five miles from Woodlake Farm. This has proved to be especially adapted to large crops of alfalfa and has been enlarged to 480 acres with two sets of buildings in charge of Geo. A. Peritz first secretary of the Minnesota State Holstein Breeders Association and Edward Husone, formerly with Mr. R. B. Young.

If this review of the females comprising the herds has fulfilled its intention, it has shown the value of the right kind of a sire. We will look therefore with special interest at the sires now in service in the Woodlake Herd, to see if they are of a quality to warrant their use in a herd of this character.

First comes King Korndyke Colantha Ormsby 96546, a 2-yr.-old son of Miss Korndyke Maid Ormsby, the 29-lb. 4-yr.-old daughter of Pietertje Maid Ormsby. His sire is Colantha Johan-



MISS KORNDYKE MAID ORMSBY 137794—Butter 4½ yr., 29.27; milk 643.20; Butter 3 yr., 25.25; butter 2 yr., 21.24. Daughter of Sir Korndyke Hengerveld De Kol and Pietertje Maid Ormsby. Bred and developed at Woodlake.

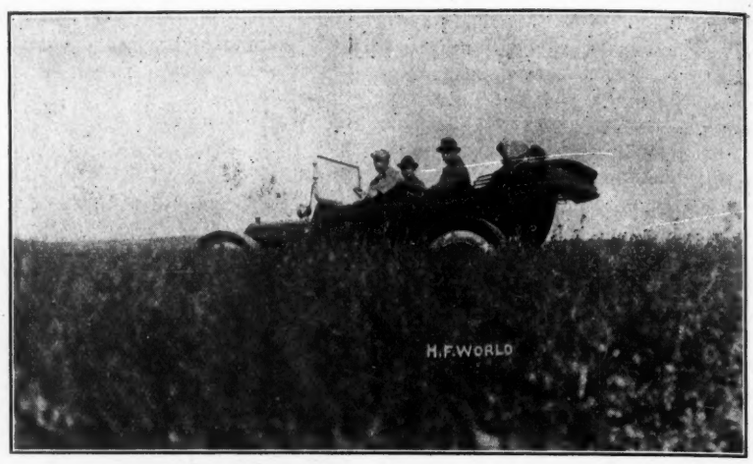
na Champion, the great son of Colantha 4th's Johanna. King Korndyke Colantha Ormsby thus represents just about the last word in desirable breeding. His three nearest dams average 33.4 lb.; they are individually unexcelled, and have proven their transmitting power. He is himself a choice individual, and as his first calves are furnishing additional testimony to his quality, we are looking forward to a great future for him.

The second sire, purchased with the R. B. Young herd, is Johanna Bonheur Champion, another son of Colantha Johanna Champion, out of Johanna

Cutting Alfalfa at Clover Farm. Geo. A. Peritz, Supt., with team.

Bonheur, pronounced by many expert judges to have been a perfect Holstein cow. Mr. W. S. Moscrip, judge at the National Dairy Show this year, pronounces her to be one of the three greatest individuals he has ever seen. Her records of 23.06 lb. butter in 7 days, and 890.83 lb. in a year, are no measure of her capacity. She is a daughter of Sarcastic Lad, Grand Champion at the St. Louis World's Fair, and Johanna De Kol 2d (24.04 lb. at 4 yr.), and hence has the right to be a winner.

Johanna Bonheur Champion was a wonderful yearling, but as a 2-yr.-old while away in service developed a tendency to be slab-sided. This fault, however, is now being outgrown, and he is every day getting nearer the type that is being insisted on in this herd.



Alfalfa on Clover Farm. Geo. A. Peritz, Supt. John B. Irwin, Prop. Mr. Irwin at the wheel.

MR. JOHN B. IRWIN
Minneapolis, Minn.
Proprietor of Woodlake and Clover Farm Herds.

Mr. Irwin, as has been mentioned, owns the yearling son of Pietertje Maid Ormsby, and half interest in her youngest son likewise growing up, and will soon be available for service, perhaps the best individual of the whole number. Then, too, there is another of the Young herd sires, a bull carrying 75 per cent the same breeding as Banostine Belle De Kol, the yearly champion. Besides these as mentioned above Mr. Irwin has recently secured a half interest in Sir Pietertje Ormsby Mercedes whose daughters have already won highest honors in production and in the show ring.

Since July 1, the Woodlake herd has been under the charge of Mr. Axel Hansen formerly of Ames, Ia. The condition of the herd and 4 records from 30 to 34.35 lbs. made this winter certainly evidence his ability. It will thus be seen that in the important matter of sires the future of the herd is well provided for. And when mated with the splendid cows comprising it, who can set a limit on what may be achieved during the years to come.

The Fecundity of Dairy Cattle

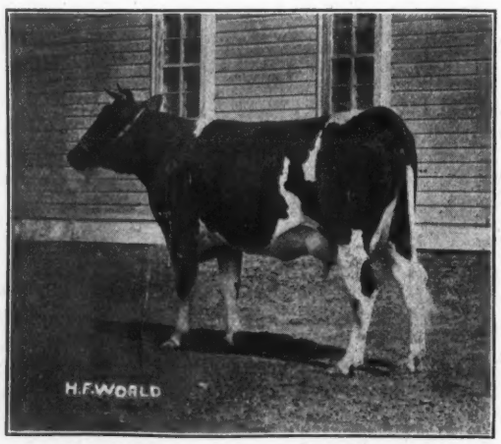
By Harold McAlister, Chino, Cal.

THERE is no factor of greater importance to the breeder of purebred stock than that of choosing the breed that has the greatest fecundity. No matter how remarkable a dairy herd may be in all other qualities, if it does not possess at least a high degree of fertility, it is bound to prove a losing venture. How many breeders have spent profitless years in useless attempts to build up a herd that was otherwise of fine individual quality, but was lacking in prolificacy! Prof. E. Davenport, in his "Principles of Breeding," states that "However worthy and however valuable, intrinsically, the strain may be, it is worthless, unless he can produce it with certainty and in any desired numbers." As in purebred dairy stock the sale of the surplus stock is probably more important than the sale of the milk, the question of fecundity becomes doubly essential. The value of the prolific dairy cow, compared with the one that is relatively less fertile, is shown in the accompanying table by the number of female descendants at the end of the sixth generation, supposing that one half of the calves dropped by each cow were heifers.

	Generations					
Total Calves	1st	2d	3d	4th	5th	6th
Cow No. 1.. 2	1	1	1	1	1	1
Cow No. 2...4	2	4	8	16	32	64
Cow No. 3.. 6	3	9	27	81	243	729
Cow No. 4.. 8	4	16	64	256	1024	4096

Thus, no matter how great an individual cow No. 1 would be, a breeder could never hope to build up a herd from her issue, while, on the other hand, he would have a splendid herd at the end of a few years from the offspring of either No. 3 or No. 4.

In selecting a breed of dairy cattle, therefore, the question of prolificacy must receive first place. It is a well known fact that one of the chief results from inbreeding is the decrease in fertility. In its native land, the Holstein breed was never permitted to be inbred by the shrewd Dutch farmers. On the other hand, the Jersey



BUFFALO MAID 2d 162965—Butter 2 years, 16.68. Junior Champion female, and one of First Prize Get of Sire at the National Dairy Show 1913. By Sir Pietertje Ormsby Mercedes and from a 30-lb. sister to Pietertje Maid Ormsby. Bred by E. C. Schroeder, Moorhead, Minn. Owned by John B. Irwin, Minneapolis, Minn.

and Guernsey breeds, confined as they were to mere specks of islands, and with stringent laws forbidding all outside importations for so many years, were of necessity very highly inbred. Also, the inbreeding was not done under a guiding hand for the increase in butter production, but might be said to have been done promiscuously and without reference to which was the best blood. From an article in the Jersey Bulletin of September 10, 1913, we find that they "are forced to obey their laws to inbreed to Golden Fern Lad in Jersey. They are breeding first cousins in blood and have been doing it for some time. Every animal now on the island is descended from Golden Lad, the widest, but by no means the best, distributor of Sultane's blood." In America, the Jersey breeders have also inbred to quite a great degree,—intensifying the evils committed over in the Island.

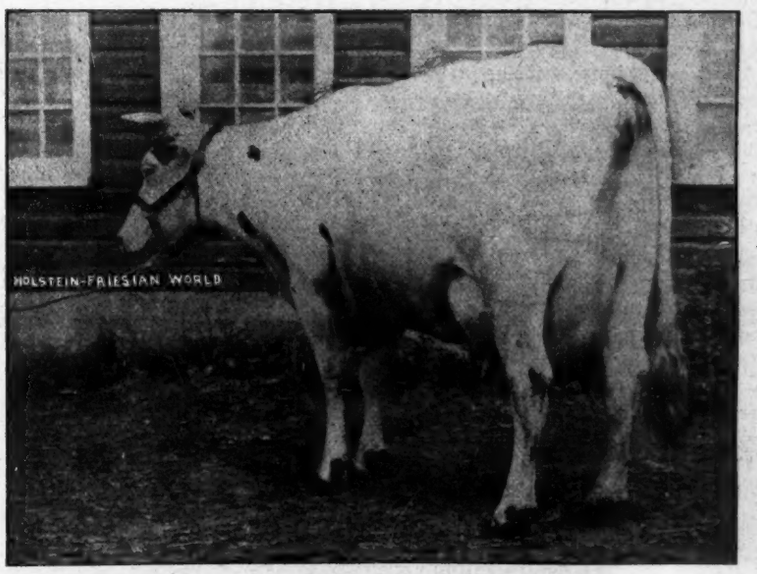
The United States Department of Agriculture states in its Year Book that the "Jerseys were boomed, were advertised, and were carried up to the zenith of their power, and then came the natural results of inbreeding and incest. * * * * To get impressive power that would supply the block and pail, sacrifices were made that eventually led to disaster. Nature exacts penalty for reversion or disobedience of her laws. We see intensity of blood used with grand effect in sheep, but in cattle we have had signal failures in the Shorthorn and the Jersey." The Holstein breeders in America however, as a rule, have never countenanced any inbreeding, but have preferred to increase the butter production of their cows by introducing the best Holstein blood from outside herds.

The most concrete illustration that can be offered concerning the relative prolificacy of the different dairy breeds may be taken from the annual registrations of the various breed associations, as shown below:

	Holsteins	Guerneys	Jerseys
1892		928	
1893		1,019	
1894		988	
1895		1,156	
1896		1,183	
1897	2,536	1,286	
1898	2,963	1,568	
1899	6,478	1,833	
1900	4,746	2,199	
1901	4,862		
1902	5,990	1,925	
1903	6,841	1,885	
1904	8,044	2,083	
1905	9,773	2,116	9,670
1906	11,823	2,670	10,899
1907	14,650	2,958	12,029
1908	16,534	3,126	13,302
1909	19,591	3,957	15,107
1910	26,176	7,272	18,679
1911	32,889	5,395	21,769
1912	37,435	6,932	23,334
1913	43,215	9,132	25,726
1914	54,998	9,822	29,381

Eighteen years ago the Holstein Association was registering less than twice as many animals as the Guernsey Cattle Club. In 1913-1914 the Holstein Association registered almost six times as many cattle, in spite of the fact that during the intervening time there have been practically no Holsteins imported into America from Europe, while the Guernsey breeders have every year imported large numbers of Guernseys, numbering sometimes as many as eleven hundred and fifty animals in a single year. Yet from 1910 to 1914, there was a gain of but 2,550 in Guernsey registrations, while at the same time there has been a gain of 28,822 Holsteins, or over eleven times as many, without, practically, any importations. The Guernsey records also show that during the eleven years in their history they have suffered a loss of registrations, while the Holstein Association has never yet suffered an actual decrease. In the last five years alone, were it not for the importations of Guernseys into the United States, the registrations of that breed would have a decrease, instead of an increase, in numbers. Comparing the registrations of the two breeds, we find that while, as in the last five years, an average Holstein herd will be more than doubled, the average Guernsey herd will not be as large as it was originally. The profit, therefore, in the Guernsey herds, from the sale of surplus stock, is a feature that, as yet, is exceedingly doubtful.

In regard to the registration of the Jerseys, we find that ten years ago it was practically the same as that of the Holsteins, there being a difference of only one hundred and three between the registrations of the two clubs. Last year the registrations for Holsteins were 25,617 more than those for Jerseys, or almost twice as many. The registration of 29,381 Jerseys, however in the last year, is misleading, inasmuch as there should be deducted from this number 4,455 Jerseys that have been imported in the last ten years, and their descendants, making a total of over 7,500, which would bring the proper number of Jerseys registered to 21,881, instead of29,381. The importations of Holsteins in the last 10 years have been practically nil. Now, although the two breeds had practically the same number in 1905, there has been in 1913-1914, a natural increase for the Holsteins of 45,003, and of 12,211 for the Jerseys, a difference of 31,014 registrations in favor of the Holsteins, during the past year. The registrations for last year, then, for the Holsteins were 54,776, and for the Jerseys, 21,881, omitting the descendants of the importations of both breeds for the last ten years, and with both breeds starting on an equal basis in 1905. Thus, an average Holstein cow will have inside of ten years over twice the number of descendants that the average Jersey will have. It must also be remembered that the Jerseys were in America in large numbers long before the Holsteins were introduced, and that, until the last few years, the Jerseys have also had a much larger annual registration. It has only been lately(in the past few years) that the Holstein breed has reached sufficient numbers to make a great annual increase. At the present time, however, the registation of Holsteins is far greater than that of all other dairy breeds combined, and every future year will show more marked and continuous gains, while those of other breeds will remain comparatively at a standstill.



BELLE MODEL JOHANNA 2d—Butter 5 yr., 37.01 lb.; milk, 545.80 lb.; Butter 30 days, 148.40 lb.; milk, 2179.60 lb.; butter 4 yr, 32.04 lb. The new Canadian Champion in the mature class for both 7 and 30 days. A granddaughter of Hengerveld De Kol and Johanna Rue 3d's Lad. Owned and developed by A. C. Hardy, Brockville, Ont.

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Radical Change in Foot-and-Mouth Quarantine

Just as it was being hoped that the Foot-and-Mouth situation was under control, new outbreaks began to occur from Massachusetts to Kansas. The causes of these new cases were traced, and it was found that they were due to the shipment of supposedly sound animals from infected areas.

The new orders just signed by the Secretary of Agriculture place under quarantine all territory east of the Mississippi and north of Tennessee, no shipments being allowed from this area, except for immediate slaughter, to the South or West. The exceptions to this rule are that stock owners in the states of Virginia, West Virginia, Vermont, Maine and the District of Columbia, may ship out their stock, upon affidavit that it has been on their farms for a certain length of time, and has not been exposed to any risk of contagion.

Under the new regulations, territory within the area now quarantined is designated as restricted territory. In this restricted territory live stock may be moved to other points within the same territory, but cannot pass beyond its limits, except for immediate slaughter. The regulations governing the area known respectively as closed, exposed and modified remains practically the same as before.

All live stock, unless intended for immediate slaughter, shall be shipped only in railroad cars that have been cleaned and disinfected. This order applies to the whole United States, and is one that should be rigidly enforced. Here in New York State we have been paying a fee of $2.50 for disinfecting each car, and in some instances with very little assurance that the car had actually been disinfected. It is a point on which the authorities cannot afford to be lax.

It is going to be a long hard pull to clean up this epidemic and one in which we must all work together, for the longer it lasts the greater will be the damage to the live stock interests of the country.

A February Reverie

February has its advantages. It is the shortest and the last of the winter months. By the almanac Spring is due to arrive on March 21, but we have learned to look for signs of her coming any day after January takes his departure. The sunshine and cheer of February's lengthening days point to the good time coming, in which sugar weather, the music of the frogs, Mayflowers, cowslips, dry country roads and baseball are important items. Equally attractive to devotees of the rod and gun is the prospect of an occasional hour of trout-fishing or woodchuck hunting. My neighbor, the naturalist, is making new investigations of owls' nests; and it is not too early to commence watching for the return of the birds that went South last fall.

The woodchuck goes to bed early in the fall but after his winter's sleep comes out early in the spring to renew his depredations on the farmer's fields and crops. The extent to which he can honeycomb a side hill with wells and trenches and subterranean corridors is extraordinary. Last Thanksgiving day several of my friends undertook to dig out a fox that had sought refuge in a woodchuck's hole. With picks and spades they followed the winding course of the trench to its intersection with other tunnels that radiated and twisted and turned and crossed and recrossed in a hopeless labyrinth of underground passages. The entire knoll, which was of considerable size, was completely occupied by a system of subways that would have baffled an expert engineer. Finally, after several hours of hard work, the toilers gave up their excavating, and decided that to dig out a fox from that particular refuge was an impossible task.

The harmful results of the woodchuck's work, make his extermination not only excusable but desirable and in some instances necessary. The woodchuck hunter is the farmer's benefactor. Moreover, woodchuck shooting affords excellent rifle practice; but en equally important consideration is the good company of a companion of acknowledged marksmanship who likewise appreciates the exhilaration of a tramp across the pastures without regard to distance, and with whom an idle half-hour may be profitably spent in a sunny fence-corner, when conversation reverts to the experiences of days long gone by and the romance of the past for the moment crowds out the realities of the present.

But in spite of day dreams of spring, in a land of peace and plenty, February is still here; and across the water the Great War is raging, and the splendid men of opposing nations are killing each other. So dark is the cloud of human suffering that the spring sunshine has lost its cheer. The whole world is wondering, "How long must the war continue?" and we are appalled at the prospect of millions of the valiant and true yet to be led to the slaughter.

February is the birth-month of deliverers. In no other month was a Washington or a Lincoln born; both came to earth in February. Each faced and successfully met a crisis in his day as momentous to his country as has ever confronted any nation. Each bore the burden of a nation's woes, not merely for months but for years. Each maintained his faith and trust and courage when conditions were most discouraging and each lived to see the triumph of the right. Remembering their example, we can cherish an abiding faith and hope and trust that truth will yet prevail, and that the time will come when nations shall deal honorably with one another and there shall be no more war on the earth.

A New Series

In 1913 the World published a series of fifty-two articles on the Great Families of the Breed by the present junior editor of the Eastern Edition. This was the first thing of its kind ever attempted in such detail, and not only won a high measure of favorable comment from the Holstein public, but blazed the way for other meritorious articles along the same line.

Holstein history is constantly in the making. What was true two years ago, might be only a half-truth now. In view of this fact, and the fact that such a large percentage of our present readers have joined the World

family since the other series was published, we have decided to go over the ground again, bringing the material right up to the minute, and so treating it that it may be of interest to all, whether they read the earlier series or not. This will represent the combined efforts of M. S. Prescott, the junior editor, and his brother, Wm. A. Prescott, who has likewise made a long and careful study of the great families in their relation to the official test. It is planned to publish the first article in this series in the issue of March 13.

The public sale, in the past, has done much to promote Holstein progress, but sales when too frequent, may do harm by establishing low standards of valuation. The spring demand for good cattle ought to insure the success of the one March sale in Syracuse which, by the cancellation of the March 9-10 and March 23-24 sales, is now left with a clear field for that month. The action of the other two companies in calling off their March sales, is to be commended.

As we go to press we are in receipt of new Official Reports from Supt. Gardner and Sec'y Clemons of the Canadian Association. The former comprises 600 cows, including 393 short-time,—40 "8 months after calving," and 167 semi-official long-time records. The latter include four cows above 900 lb. of fat, new World's milk records in two classes, one new World's Butter record, and a whole string of extra good ones. The Canadian report includes a new champion senior 3-yr.-old, a continuation of the record-breaking performance of the junior 3-yr.-old, Lady Pietje Canary's Jewel, and four other cows from 29 to 30 lb.

These will be given in more detail next time.

AN INQUIRY ON FITTING FOR OFFICIAL TEST

I am a subscriber of your Holstein-Friesian World also a beginner in the breeding of the Holstein cattle. I am seeking some advice in getting a cow fit for test.

First what should I feed in getting her in readiness? She is a cow weighing about 1100 lb.

I noticed in your issue of January 2 of the following feeds before test of equal parts:

100 lb. of oil meal
100 lb. of ground oats
100 lb. of hominy

For roughage I have timothy hay, shredded corn stalks, and ensilage. I have no sugar beets.

After calving I have in mind feeding her the following mixture:

125 lb. of Ajax flakes
125 lb. of mixed wheat feed
70 lb. of oil meal
50 lb. of Buffalo gluten
50 lb. of hominy
50 lb. of corn meal
50 lb. cotton seed meal
80 lb. equal parts of buckwheat, barley and oats

The above mixture was fed by A. A. Knapp of Preble, N. Y. Mr. Knapp fed his cow from 22 to 26 lb. of feed per day. W. J. S.

Stone Ridge, N. Y.

Ed. reply:

The combination given for use before freshening is a good one, altho the majority of feeders use bran in connection with the oil meal, ground oats and hominy. Care should be taken that your cow does not become constipated from too much of the timothy hay, as it is highly important that she be kept in a good, healthy, lax condition. The mixture fed by Mr. Knapp is a good one, both in theory and in practice. Your cow, unless she is an extraordinary feeder for her weight, ought not to have as much of this mixture as Mr. Knapp's cow. Start her slowly, and do not make the mistake of increasing her allowance too fast. Study your cow, and watch her eat. In this way you can stop increasing her ration just before she has reached her limit, which is preferable to waiting until she goes off her feed.

OUR COVER ILLUSTRATION.

Pietertje Maid Ormsby is one of the best representatives of the breed, viewed from any standpoint—production—transmitting power, or individuality.

As a three-year-old she won prominence by beating the long-standing record of Kate Spofford Corona. As a 6-yr-old she came back with her record of 35.56 lb. butter in 7 days (3d largest when made), and 145.66 lb. in 30 days, this standing for sometime as a World's Record. In semi-official yearly test she has produced 2150 lb. butter in three consecutive years, and is now engaged in making her fourth record.

She is the dam of Miss Korndyke Maid Ormsby, with records at 2 years of 21.24 lb. in 7 days, 84.34 lb. in 30 days; at 3 years 25.25 lb. in 7 days; 106.01 lb. in 30 days, and at 4 years 29.27 lb. in 7 days; 116.92 lb. in 30 days. Two of her sons have A. R. O. daughters, one the $7500 bull, King Korndyke Hengerveld Ormsby, having 17 A. R. O. daughters with records up to 31 lb; and Sir Pietertje Ormsby Mercedes, whose 33 A. R. O. daughters include 12 20-lb. junior 2-yr-olds; the World's Champion 29.85-lb. senior 2-yr-old for both 7 and 30 days; and the World's Champion 3-yr-old milk producer for both 7 and 30 days, her butter record standing at over 33 lb.

Pietertje Maid Ormsby has been a prize winner at many leading exhibitions, and her granddaughters have won Grand Championships, and Junior Championships twice at the National Dairy Show.

The picture shown on the front cover was taken in August 1914, at nine years old, with her seventh calf, a bull by Sir Korndyke Hengerveld De Kol. The attendant is Mr. Axel Hansen, formerly of the Iowa Agricultural College, but now in charge of the Woodlake herd, where he has developed three cows with records of 30 to 34 lb. thus far this winter. The house in the background was the residence of Mr. John B. Irwin, the owner of Pietertje Maid. Unfortunately, this was destroyed by fire early in November.

THE L. S. & P. CO.'S FEBRUARY CONSIGNMENT SALE

We are unable to give a detailed report of the February Sale of the Liverpool Sale and Pedigree Co. at Syracuse, Feb. 16, 17, as our marked copy in some way failed to materialize. The following brief account is clipped from the Syracuse Post-Standard.

"With a good attendance of buyers the Liverpool Sale and Pedigree Company, Inc., concluded its sale of thoroughbred Holsteins yesterday with a total income of $54,000 for about 150 head.

One young bull consigned by Francis M. Jones of Clinton, went to Edward Kuntxman of Homesworth, O., for $6,500. The bull was sired by the King of the Pontiacs and its mother was a thirty-seven-pound cow.

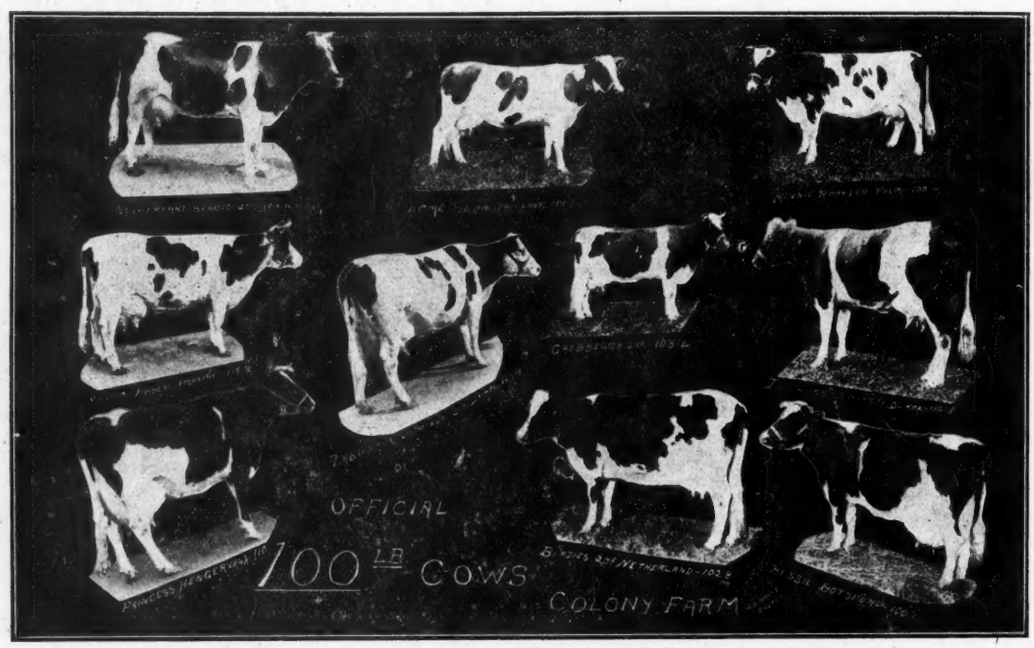
W. C. Waring of Jamesville, disposed of his entire herd. R. D. Lee of Cazenovia, paid $1,095 for a cow in this consignment. Several of the herd brought prices around $1,000. R. C. Melvin of Liverpool, paid $2,350 for a cow with a thirty-pound record offered by Lois K. Stevens of Liverpool.

O. J. Godfrey & Company of Pennelville bought a bull for $3,000, which was consigned by Melvin & Godfrey of Baldwinsville. Most of the buyers concluded their business last night and started for their homes. The local buyers at the sale included Carl L. Amos, who is stocking his farm at Amboy."

Inclosed find check for $2.00 for two years subscription to the H.-F. World and I would say that under no circumstances stop the paper. Must have it. Geo. C. White, Hopewell Junction, N. Y.

CANADIAN HOLSTEIN-FRIESIAN ASSOCIATION

The strength of the position held by the Holstein-Friesian cow in the dairy interests of Canada, was revealed at the annual meeting of the Canadian Holstein-Friesian Cattle Breeders Association held in Toronto Feb. 3-4. In spite of war time conditions the officers of the association reported that during the year just closed there had been more registrations, more transfers, more new members, more Record of Merit tests, and more Record of Performance tests than in any previous year. During the year 349 new members were admitted, bringing the total membership up to practically 2,000.



This remarkable group shows ten cows with one-day milk records ranging from 100 to 123.4 lb. All developed at Colony Farms, Coquitlam, B. C., under the management of Mr. C. W. Holmes. Can any other herd make an equal showing?

Report of Registrations

Total number of animals registered in 1914	8,510
Registry of animals under one year (members)	6,444
Registry of animals under one year (non-members)	1,108
Registry of animals over one year (members)	786
Registry of animals over one year (non-members)	165
Re-Registry of Canadian-bred animals from AHFHB	7
Duplicate certificate of registry	109
Certificates on new form	19
Import certificates (bulls)	16
Import certificates (cows)	25
Total Transfers for year	7,594
Transfers (members)	5,568
Transfers (non-members)	959
Transfers (penalty)	1,067
Duplicate certificates of transfer	41
Registrations of farm names	48

AUDITORS' REPORT FOR 1914

Receipts

Balance on hand Dec. 31st. 1913	$ 3,110 79
Registry and transfer fees	14,285 40
Membership fees	1,745 00
Annual dues	1,495 00
Books sold	75 00
Over-payments	391 60
Interest on bank account	72 29
Interest on Fernie bonds	200 00
Interest on Kenora bonds	220 00
Interest on Waterloo bonds	204 76
	$21,799 84

Disbursements

Printing account	$ 5,304 00
Record of Merit prizes	2,245 00
Grants to fairs and dairy tests	3,621 00
Salaries Office staff and auditors	3,650 00
Farm and Dairy Subscriptions	1,234 80
Postage	1,114 80
Expenses officers and delegates	980 75
Refunds	391 60
Office furniture and supplies	423 20
Construction of vault	632 89
Expenses of branch associations	32 25
Banquet expenses	152 85
Retests	474 10
Advertising	237 19
Sundries	217 24
Balance on hand Dec. 31, 1914	1,088 17
	$21,799.84

Statement of Assets and Liabilities

Assets

Balance on hand	$ 1,218 17
Kenora bonds	4,317 29
Fernie bonds	3,985 75
Waterloo bonds	4,095 20
Safe and typewriters	300 00
Office equipment	700 00
Vault	600 00
Herd books	1,350 00
	$16,566 41

Liabilities, None

Officers Elected

Pres., D. C. Flatt, Millgrove, First Vice-Pres., M. L. Haley, Springford; Second Vice-Pres., John Richardson, Caledonia; Third Vice-Pres., Norman Mitchener, Red Deer; Fourth Vice-Pres., Neil Sangster, Ormstown, Que. Directors, A. E. Dickey, Centre Onlow, N. S.; G. A. Brethen, Norwood, Ont.; Sec.-Treas., W. A. Clemons, St. George, Ont.; Auditors, A. C. Hallman, Breslau, and B. Mallory, Belleville.

Delegates to Fairs

The executive was authorized to appoint the delegates to fair boards, and to recommend the judges for the different leading fairs. Mr. R. Hicks, Newtonbrook, was appointed the delegate to the Canadian National Exhibition.

President's Address

President R. Hicks gave an unusually fine presidential address. He reviewed the introduction of Holsteins in Canada and the formation of the Association. Speaking about conditions created by the war he said:—"Breeders of dairy cattle are fairly well safe-guarded against periods of depression. Cows that remain unsold continue their earning ability, and even if feed must be purchased to some extent in order to carry surplus animals, they will return the cost of feed together with a reasonable profit. 'Stand Pat' breeders. Hold your ground. This is not the time to go weak. This period of strenuous test caused by expensive feed will have the effect of shaking out unprofitable producers from among the common dairy herds, thereby making room for profitable high producers."

Complaints From the West

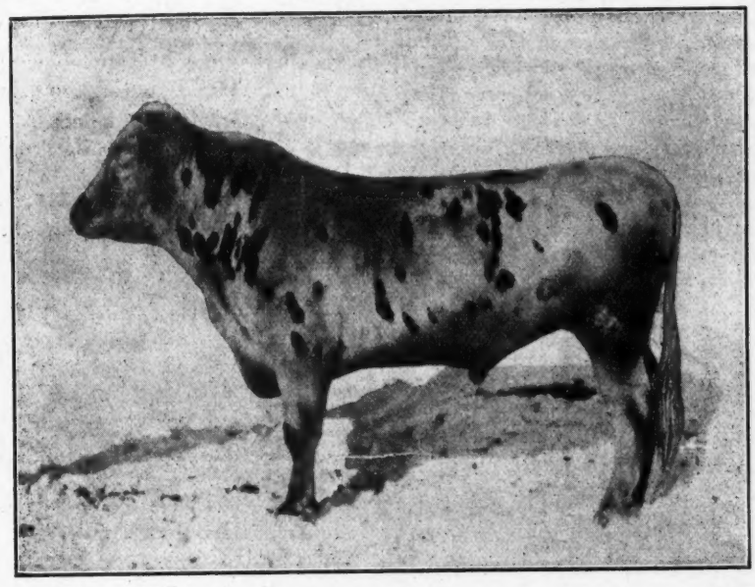
Mr. Hicks referred at length to the trip made by himself and Secretary Clemons last summer to Western Canada, an extended reference to which has already been published in Farm and Dairy. Throughout the west they heard frequent complaints about inferior animals that had been sold to the west by eastern breeders. Speaking about conditions in Alberta, for instance, he said: "Here we also found a spirit of bitter resentment resulting from the distribution by dealers in pretty large numbers of animals said to be in many cases aborters and re-actors, and the regrettable feature of this business is the fact

that purchasers are unable to distinguish between a reliablbe breeder and the venturesome dealer and, therefore, the prestige of the entire organization suffers. This is a question that should cause you some concern, and be assured, it is worth your most serious consideration."

Speaking of a remedy for this condition of affairs, Mr. Hicks said: "It is our conviction that as soon as general conditions again revert to normal that it would be advisable through some medium not at present provided, to have good, young reliable, healthy cattle moved to central or convenient points in the provinces and sold at public auction."

Mr. Hicks referred to the meeting of the joint committee in Toronto last September, consisting of representatives of all breeds participating in the R.O.P., to consider the advisability of shortening the period of test to 10 months. The representatives of the Shorthorn Association were unanimous for the change, as was also the representative of the French-Canadian breed and one of the Ayrshire men. Messrs. Hicks and Clemons, who represented the Holstein interests, objected to the change on the ground that it would make a drastic conflict of conditions as compared with the American Associations. The vote resulted in a tie. A motion was then offered asking for the elimination of the 15 months previous calving clause, and was carried unanimously.

"I believe the importance of type, or in other words individual excellence in our animals, is receiving more attention than was formerly the case," said the president. "Do not be content until the type size and producing ability of your herd all combined has reached a pretty distinct degree of excellence." Speaking of one way in which this might be reached, Mr. Hicks said later: "I am certain that more harm has been done in a large number of our herds than we can estimate through the practice of breeding the heifers too young. I have had an opportunity his year of observing a great number of herds and in some cases have found herds having in them a few good foundation cows, having plenty of size and constitutional vigor, but contrary to expectations the younger stock was decidedly small. There were two reasons for this—not sufficiently liberal feeding and bred to calve at two years or younger."



KING PONTIAC PELHAM DE KOL—Sire, King of the Pontiacs. Dam, Pelham De Kol Urma 30.4 lb. A. R. O. Owned by J. W. Vaughn, St. Johnsville, N. Y. To be sold March 3 at Syracuse in the Holstein Sales Company's sale.

The Secretary's Report

The secretary's report showed that during the year 931 official tests were accepted for entry in the Record of Merit, an increase of 255 over last year. In the Record of Performance, 198 cows had qualified, bringing the total number up to 633. Thirteen bulls had qualified for admission by having four tested daughters all from different dams, bringing the total to 23. Mr. Clemons announced that Volume 3 of the year book is now ready, and will be mailed as rapidly as possible.

Grant to Fairs

On motion of Mr. Rettie it was decided not to give the usual $25 grant for a milk test to any local exhibtion that does not hold at least a 3-day fair and a 2-day test.

Mr. Haley's Amendment

The amendment to the Record of Merit rules which Mr. M. L. Haley had given notice he intended moving, created great interest. Before being submitted to the meeting the amendment had been considered by the executive committee which had recommended that the second clause of the amendment should be dropped. To this Mr. Haley agreed and his resolution as amended and adopted was as follows:

"Retesters shall have authority at all times to take the temperature of any cow under test, and report to the secretary.

"If the report of the supervisor and retester indicate that a cow is in an abnormal condition from any cause the record made shall be referred to the executive committee, who shall deal with and dispose of the matter as they see fit."

The proposed amendment to the Record of Merit rule, notice of which had been given by Mr. David Caughell, was adopted. The scale standards rendering a retest obligatory in consequence hereafter will be: Junior two-year-old, 15 lbs. of fat; Senior two-year-olds 17 lbs. of fat; Junior three-year-olds, 20 lbs. of fat; Junior four-year-olds, 21 lbs. of fat; Senior four-year-olds, 22 lbs. of fat; Mature cow, 24 lbs. of fat.

Record of Merit Prizes

It was decided that the Association Record of Merit prizes as in previous years, with the exception that no individual breeder or firm will be allowed to draw more than $15 in one year. This will save the Association about $800 a year.

The Annual Banquet

The most successful banquet in the history of the Association was held on the Wednesday evening preceding the annual meeting.

The attendance at the convention was not as large as most years, due probably in part to the railway lines being blockaded by the Storm of the early part of the week.—Farm & Dairy, Peterboro, Ont.

We are informed that Dr. Hughes, the veterinarian in charge of the Quarantined Dairy Show cattle, pronounces them entirely recovered from the foot and mouth disease, and ready for the final tests of the Federal Authorities, as a preliminary to giving them a clean bill of health.

Two more 30-lb. daughters for Pontiac Aaggie Korndyke—bringing his total up to ten, giving him second place over his grandsire, Hengerveld De Kol (9 30-lb. daughters), and leaving his sire, Pontiac Korndyke, a margin of but one. Full details later.

Club Notes

Maryland Breeders Club Meeting

The postponed fall meeting of the Holstein-Friesian Breeders' Club of Maryland was held in Masonic Temple Frederick, Md. on Feb. 11th. Fully 200 dairymen and breeders were in attendance when the meeting was called to order by President Morse.

He introduced Mr. Edgar McBride of the Frederick bar, who gave us a hearty welcome to the historic city.

Following the regular business, officers were elected for the coming year. William P. Morsell, of near Frederick, was re-elected President and all of the old officers were re-elected, the name of A. C. McCardell being added to the executive committee.

The officers are: William P. Morsell, Frederick, Pres.; J. B. Diamond, Jr. Gaithersburg, Vice-Pres.; G. H. Hibberd, Lutherville, Secy-Treas.

William P. Morsell, J. B. Diamond, Jr., G. H. Hibberd, Chas. J. Corby, W. B. McGrath, John M. Dennis, R. F. Ruffner and A. C. McCardell compose the executive committee.

A committee will be appointed by the President to take up the question of legislation and make a report at the next meeting, as at present there is an over-supply of milk in the larger cities and the milk dealers are cutting off the shippers of Holstein milk, preferring milk from Guernseys and Jerseys. Some owners of Holstein herds are having trouble in disposing of their products except in the form of butterfat at much lower prices.

At 12:30 luncheon was served, which was enjoyed by all.

The first speaker in the afternoon session was Prof. J. C. McDowell of the Farm Management bureau, Dept. of Agriculture. He spoke on several phases of dairying, touching several times on the tuberculin test. He said that if the money used to build two battleships or the sum needed to support our army and navy for three weeks, in time of peace, was used in the fight against tuberculosis among the dairy herds in this country in time this dread disease could be entirely eradicated. He also believes that it is advisable for farmers to tuberculin test their own cows, in preference to a licensed veterinarian.

Prof. McDowell gave some interesting figures on the influence of age on the value of live stock.

Pres. D. D. Aiken was unable to attend our meeting but sent a very able substitute in Mr. A. A. Hartshorn of Hamilton, N. Y. He gave us some very good pointers on feeding and developing the Holstein, commencing from calf and then to maturity. Mr. Hartshorn believes that if we would use pasteurized milk for calf feeding, in a short time the percentage of reactors would be much less. In answer to a question concerning artificial heat in calf stables, he replied that he thought it was a great mistake and that a few breeders who had put in heating plants were discarding them.

Before adjourning a number was drawn by Prof. McDowell to find out who had won the fine bull calf donated by the club. Prof. H. J. Patterson, director of the Maryland Experiment Station was the lucky man and we hope that he will use him as a "starter" for a herd of pure bred Holsteins at the Station, in place of some of the nondescript breeds already there.

From every standpoint this was one of the most successful meetings we have ever held and with 143 members in an infant organization, behind the Queen of dairy breeds, we expect to place Maryland on the map as a Holstein state.

J. B. Diamond, Jr.

The Holstein-Friesian Breeders' Association of Chester County will meet in Library Hall. Kennett Square, Pa., on Saturday, March 6th.

An important business session will be held at 11 a. m. when amendments to the By-Laws will be considered.

The topics of Fitting for the Show Ring and Conducting Official Tests will be discussed by the members. At 1:30 p. m Prof. C. W. Larson, of Pennsylvania State College, will deliver an address on Co-operative Creameries.

Dinner at the New Unicorn Inn.

Philip M. Hicks, Sec'y.

At the annual meeting of the Alleghany Steuben Holstein Breeders' Club held at Hornellsville, N. Y., about 100 members and their friends were present. A year ago this club was organized with fifty-eight charter members. The membership now numbers one hundred seventy-five, a very satisfactory increase. B. B. Andrew, Weedsport, N. Y., gave an interesting and instructive talk of practical value.

The following officers were elected for the ensuing year: Pres. E. E. Poole Alfred; Vice-Pres. W. E. Costin, Greenwood; Sec'y. S. H. Burdick, Hornellsville; Treas. H. S. Stevens, Canisteo.

The Western Washington Holstein Breeders' Association was recently formed, with eleven charter members. The following officers were elected: Pres. William Bishop, Chimacum; Vice-Pres. Calvin Phillips, Seattle; Secy.-Treas. A. B. Winter, Everett. A consignment sale is to be held at Everett on St. Patrick's Day.

White Scours

Save New Born Calves

Nearly every one of our customers began with a **Sample.** No matter what we say in trying to drive home to you the truth, there are no words or statements which can compare with a **CURE** itself to convince.

It pays us to give **one** sample of **CURA-BOS** to every stockman, because Cura-Bos will absolutely cure (and also prevent) dreaded white scours in new born calves. This is a positive fact, quickly proven by sending for a sample.

How Sample Works

Geo. O. Lucia, Supt. Maple Grove Farm, Green Bay, Wis. Guernsey cattle, says:

Calf would have died if I hadn't had sample. Send $1. bottle at once.

Adam Seitz, Spring City Stock Farm, Waukesha, Wis., Champion Ayrshires, writes:

Sample cured two calves, it's the best thing yet! Send one dollar bottle.

Every Brothers Homestead Farms, Bloomville, N. Y., Holstein-Friesians, writes:

Sample received some time ago just saved a nice thoroughbred calf Had one taken about a week ago and used our old remedy but it died. When this one was taken we thought of your sample. Calf is as smart as a cricket tonight. Check enclosed for $2.00 bottle. It will save us hundreds of dollars worth of calves.

Because of its effectiveness and safety Cura-Bos may be positively depended upon.

One Liberal Trial Bottle

together with full particulars mailed to any reputable stockman for 10 cents in stamps

Two sizes $1. & $2. per bottle

TROY CHEMICAL CO.

78 Commerce Ave., Binghamton, N. Y.

Manufacturers also of Save-the-Horse Remedies. BOOK FREE.

Lacona Breeders

Henry Stevens & Son—ad. on back cover page.
Hastings & Prescott—full page ad.

LACONA HERD

50 head, all ages. Herd headed by Sir Pontiac Artis Veeman, a son of Sir Korndyke Pontiac Artis, from a 31-lb. daughter of Sir Veeman Hengerveld.

A fine bunch of Johanna cows and heifers for sale.

B. E. MEAD, Lacona, N. Y.

HOMESTEAD HERD

Offers four fine, straight heifers, 14 to 18 mo. old, two bred to Albina Butter Boy, the famous 29-lb. son of De Kol 2d's Butter Boy 3d, also 2 bull calves three months old, at $25.00 each.

D. J. HOLLIS, Lacona. N. Y.

Spring Farm King Pontiac 13th

Heads our herd. He was by the best son of King of the Pontiacs, and from one of the best daughters of the best son of Hengerveld De Kol. He has better than a 31-lb. average for his two nearest dams. We have two daughters of the $15,000 bull, and several cows in calf to him. Also some bred to Spring Farm King Pontiac 6th. 30 head to select from.

Colvin & Deshane, Richland, N. Y.

A PONTIAC-SEGIS COMBINATION

Sire, a 25-lb. son of the 31-lb. sire, King Pontiac Artis. Dam, a 19-lb. 4-yr-old, and a sure 25-lb. cow next time, was from a good record daughter of King Segis, and by Pietje Korndyke Lad, whose 3 nearest dams average nearly 25 lb. This refers to a bull calf born Oct. 16, 1914, a splendid individual, more white than black. A real bargain for some one.

J. D. HAGAN Mannsville, N. Y

WHEAT HILL HERD

Headed by

Pleasant Hill Pontiac Veeman Wayne —a son of Sir Korndyke Pontiac Artis, from a 29-lb. 4-yr-old, one of the greatest daughters of Sir Veeman Hengerveld—2d dam a 25-lb. cow with two 30-lb. daughters. Inspection invited. It may profit us both.

W. J. Snyder, Lacona, N. Y.

PERSISTENCY

HERE YOU GET IT in a bull calf born Nov. 5, 1914. Sire, King Pontiac Artis Priliy, was by a son of King of the Pontiacs and the 1070-lb. daughter of Hengerveld DeKol. Dam, a 19-lb. 4-yr-old is giving more milk now than when she made her record, and has been bred two months. Dam's dam, a 25-lb. cow with a good semi-official record. Dam's grandam, former World's Champion 2-yr-old in yearly test. A beautiful, thrifty calf, more white than black. Price very low.

H. A. Prescott, Bellevue Herd, Lacona, N. Y.

ANOTHER GOOD ONE—A bull calf, born Oct. 1, by our herd sire, Lord Korndyke 2d, and from a 13-lb. 2-yr-old daughter of a 20-lb. cow, and the great Woodcrest Aaggie Jewel Son. Calf is 7-8 white, and a fine individual. We have sold the calf previously advertised. This one, too, is priced to sell.

A. T. BLOUNT

Pine Ridge Herd Lacona, N. Y.

HOW IS THIS BULL?

Sire by Sir Korndyke Pontiac Artis, and from a 29-lb. 4-yr-old daughter of Sir Veeman Hengerveld; next dam 25 lb., and 3 daughters averaging over 30 lb. Dam by Sir Korndyke Manor De Kol and from a 28-lb. daughter of De Kol 2d's Butter Boy 3d. Nearly all white, and a beauty. Born Dec. 31, 1914. Priced right.

Hastings & Prescott, Lacona, N. Y.

WHITFORD HOMESTEAD HERD

Offers three bulls nearly ready for service. Good individuals and extra well grown. Sired by a 26-lb. grandson of Pontiac Korndyke. Their dams have A. R. O. records.

E. A. WHITFORD
Adams Center, N. Y.

MADISON-CHENANGO BREEDERS MEETING

The Fourth Annual Meeting of The Madison-Chenango Counties Holstein-Friesian Breeders' Club was held n Madison Hall at the New York State School of Agriculture in the village of Morrisville, N. Y., at 11 o'clock a. m. Thursday, January 28th, 1915. The meeting was called to order by President Kutschbach. Director F. G. Helyar, in a brief address welcoming the members of the club, indulged in a few reminiscences regarding the organization of the club which had its inception in connection with the first annual farmers' week of the New York State School of Agriculture at Morrisville in January, 1911, when 50 members signified their desire to become members of such an association and referred briefly to its wonderful growth and the great increase in interest, touching briefly on the scope and function of the recently organized sales corporation, referring to the great necessity for strict integrity in the conduct of public sales recommending a system of State certification for herds known to be free from tuberculosis and finally recommending our affiliation with the national organization.

Following the address of welcome the minutes of the last meeting were read and approved. The annual report of the secretary and treasurer was then read, approved and ordered on file. The election of officers following and resulting in the selection of A. C. Fay of Earlville, N. Y., president; C. W. Davis, Munnsville, N. Y., first vice-president; Clayton Sisson, Sherburne, N. Y., second vice-president; H. C. Wood, Morrisville, N. Y., secretary and treasurer; C. K. Record, Peterboro, N. Y., director for a term of three years.

A brief discussion followed with reference to the affiliation of our club with the Holstein-Friesian Association of America.

A motion prevailed that the necessary notice be given 30 days in advance of our May meeting, that a resolution to change our by-laws would be brought up at that time. This action being necessary in order that we might have delegate representation at meetings of the national organization.

The proposed changes in the by-laws were read by Director Helyar and discussed to some extent.

Mr. John R. Parsons reported that the Madison-Chenango Holstein Sales Corporation of Earlville had made excellent progress, that there was still a small amount of stock to be sold and that the repairs and improvements to buildings were nearly completed and the plant would be entirely equipped and ready for our April sale.

YEARLINGS

A few choicely bred yearlings for sale at reasonable prices.

Lots of A. R. O. backing.

BROWN BROS.

Hartford - S. Dakota

PARMELEE STOCK FARMS
Putney, Vt.

Home of KING PONTIAC CALYPSO 5th

Sire—King Pontiac Calypso, who has a 31.78-lb. junior 3-yr-old, 5.55 per cent fat. Dam—Olivia Beets De Kol, 29.45. Average fat of dam and sire's dam 4.50 per cent. A few approved cows accepted for service. Fee $50.00 to insure.

Cloverleaf Dairy Farm—has for sale a bull with 25-lb. backing, born Dec. 26, 1913, mostly white, fine individual. Sired by Beauty Pietertje Prince, whose 5 nearest dams average over 25 pounds. Dam's record 17.38 at 2 yrs. She will be tested again. 14 nearest dams in this bull's pedigree average over 25 lbs. butter in 7 days. Price $200 delivered into adjoining states. Write your bull wants to

M. B. Stevens, Fremont, Mich.

Up-to-Date
TYPEWRITTEN PEDIGREES

On best quality paper 9½x14 with diagram fifty and seventy-five cents each. Carbon copies ten cents each. Sale Catalogs $2.50 per page including cover. Give name and number of sire and dam of animals having numbers above 239854 in cows and 132639 in bulls.

For further information write

F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio.

Home of 40 Daughters of Tidy Abbekerk Prince 37770

Sired by Changeling Butter Boy 41398. Bulls and other good young bulls and out of dams sired by Tidy Abbekerk Prince. The dam of Fytje Butter Boy 141834, has now 26.35 lb. butter. He is for sale.

Geo. F. Blewer Estate,
Newark Valley, N. Y.

FOR SALE

BULL BORN MARCH 11, 1914

Evenly marked. Grandson of Ormsby Korndyke Lad. Dam has senior 2-yr-old record of 19.506 lb. butter. Price is reasonable. Send for pedigree and photo. Bull a good individual ready for light service.

C. L. UPDIKE

Seeley Creek, N. Y., R 2.

SYRACUSE
GRADE HOLSTEINS FOR SALE

30 extra fine, fresh cows.
25 extra nice cows due this month. They are producers and will suit the man looking for extra high grade cows.

JOHN B. WEBSTER

C/o St. Cloud Hotel Syracuse, N. Y.

WAUSEONA HERD

Headed by Sir Korndyke Queen No. 55993.

He is a son of Pontiac Korndyke and Pontiac Queen Korndyke who has 31.01 lbs. of butter in seven days. Sir Korndyke Queen now has 14 A. R. O. daughters, 5 of which are above 20 lbs.

Two bulls of serviceable age for sale. Write for pedigrees and prices.

BURR BROS.

Wauseon Ohio

BE PRESENT

At R. H. Beard's 3d Annual Sale of Pure Bred Holsteins, all of which will please buyers desiring individuality and breeding.

April 19, 1915, Cortland, N. Y.
R. H. Beard, Cortland, N. Y.

New Berlin Breeders

MAPLE LAWN STOCK FARM has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis, whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam, is out of the same cow as Agatha Pontiac, A. R. O. 36.90 at 4 years, and has 28.82 A. R. O. State wants.

ELMER TRAVER New Berlin, N. Y.

LOCUS STOCK FARM

Fellow Breeders, Take Notice—A rare opportunity to obtain a herd bull. Grandson of Hengerveld De Kol out of granddaughter De Kol 2d's Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree, etc.

C. L. BANKS & SON
New Berlin, N. Y.

COLUMBUS VALLEY STOCK FARM

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d's Butter Boy 3d. Sire, son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. Gates
New Berlin, N. Y.

RIVERVIEW STOCK FARM—Pure bred Holstein-Friesian sires in service. Only one young bull left ready for service. A grandson of King of the Pontiacs and Johanna Aaggie's Sarcastic Lad. Born Aug. 26, 1913, good color and a fine individual, from a good A. R. O. dam. Full sister as a junior 4-year-old made 18.959 lb. fat from 567.6 lb. milk. Write for price and breeding.

T. A. Page & Son, West Edmeston, N. Y.

Herd Sire—KING CORNUCOPIA NETHERLAND No. 121633. Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol's Prince, and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb.), Princess Segis (30.43 lb.), and Lily Cornucopia Netherland (24.00 lb. butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.

Floyd C. Sholes Jay D. Sholes
New Berlin, N. Y.

FULL VIEW STOCK FARM

Twelve years experienced breeding of choice Holstein-Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 34289 best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.

WM. M. BACKUS New Berlin, N. Y.

SIR PONTIAC VEEMAN HENGERVELD

Dam, Elsie Veeman Wayne (30.92 lb.), daughter of Sir Veeman Hengerveld. Average two nearest dams 31.3 lb. butter in seven days. Few young bulls for sale. Price right.

E. M. LOWMAN
Lowman, N. Y.

$40.00, $50.00, $65.00 EACH

Slaughtered prices on 10 mo. Pontiac bulls. The last of 50 head sold. Bargains. A. R. O. dams.

A. HURSH Orrville, Ohio

BULL CALVES FOR SALE

No. 1—Born Aug. 17, 1914, mostly white. Sire, a son of King of the Pontiacs. Dam, Beauty Paul Pietertje 18.25.

No. 2—Born Sept. 9, 1914, nicely marked. Sire, a son of King Pontiac Calypso, the best son of King of the Pontiacs. Dam, Queen of Fort Hill Clothilde 2d Lass 16.68. Prices reasonable.

E. A. Martin DeWitt, N. Y.

Mr. E. M. Hastings of Lacona, being present, spoke briefly concerning the April sale and recommending that it be a sale of unblemished animals.

There were between 145 and 150 in attendance, at least one half of whom were members of the club.

H. C. Wood, Secretary-Treasurer.

Annual Meeting of Saginaw Valley Valley Breeders.

The annual meeting of the Saginaw Valley Holstein-Friesian Breeders' Association held Jan. 28 at the rooms of the West Side Business Association, drew out a very strong attendance from all parts of the county, says Saginaw Valley Farmer. Even zero weather can in no way cool the enthusiasm of Holstein boosters.

Officers for the Association were re-elected as follows: President, Wm. J. Morgan, of Saginaw; Vice President, J. B. Hill, of Spaulding; Secretary-Treasurer, Geo. P. Deindorfer, of Saginaw. Directors—Christian Gugel, of Frankenmuth, Wm. Kirchner of Tittabawassee, David Ready of Bridgeport, Wm. McIntosh of Taymouth, Wm. Eastwood of Chesaning.

An important action of the meeting was the acceptance of an invitation to affiliate with the National Holstein-Friesian Breeders' Association. This makes the Valley Association an active component part of a nation-wide movement for the promotion of the interests of this breed. By virtue of this action Valley Holstein breeders are put in close touch with all sources of information relative to the breed.

Before the close of the meeting a number of new members were received. The reports of the President and Secretary-treasurer show the association to have made much progress during the first year of its organization.

Sixth Annual Meeting

The sixth Annual Meeting of the New Jersey Holstein-Friesian Breeders Association was held in the Court House at Somerville, N. J., on Feb. 6th as previously announced. It proved to be a banner meeting in point of interest shown by those present and especially in it being the largest attended meeting we have yet held.

We had the pleasure of having with us on this occasion Dr. John C. Sharpe who is one of the Vice-Presidents, of Blairstown, N. J., and Rev. Chas. A. Eaton, D. D., pastor of the Madison Avenue Baptist Church, New York City, upon whose farm at Plainfield, N. J., Holstein cattle predominate. Dr. Eaton has also recently become a member of our New Jersey Association. Dr. Sharpe's address was ex-

Be Up-To-Date Keep all the papers belonging to each of your animals in Truckell

CATTLE-PAPER ENVELOPES

$1.00 per hundred; 25 for a quarter, postpaid. Once used, always used.

G. H. Truckell, Liverpool, N. Y.

KEYSTONE FARMS

For the next 30 days will make low prices on sons of Prince Segis Korndyke Jr., son of a 30½-lb. daughter of Pietertje Hengerveld's Count De Kol; also on sons of Segis Hengerveld Beets Lyons, whose dam, Bloomingdale Hengerveld Edith, is the 32.45-lb. daughter of Hengerveld De Kol, whose photo appeared in the Jan. 9 edition of the H.-F. World.

C. A. Pratt, LeRaysville, Pa.

WE CAN SPARE 3 OR 4 YOUNG COWS

from 2 to 4 years old, granddaughters of King Segis, Paul Beets De Kol, De Kol Hengerveld Burke or Sir Clyde. Bred to a son of King of the Pontiacs.

FRANK BACKMAN
Weedsport, N. Y.

FOR SALE

Our Junior Herd Sire

ELI SIR PONTIAC

His dam has an A. R. O. record of 24.60 and sire's dam 31.28. He is ¾ white and a show bull ready for service. The first check for $250 gets him.

Neal Housiet, Oxford, Wis.

THE STANLEY ENGRAVING CO.,

Designers

Photo-Engravers Zinc Etchers

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.

Library Bldg., Tioga St., Ithaca, N. Y.

Attention How would you like a bull calf, at a reasonable price, sired by the great young bull, King Pontiac Segis Lyons No. 109925, from A. R. O. daughters of Pietertje Hengerveld Segis and Maple Ridge King Pontiac. King Pontiac Segis Lyons is a half brother to the $50,000 bull, and his dam is a double granddaughter of old Blanche Lyons, the only cow in the world with three 30-lb. daughters. Send for his pedigree.

C. H. Fitch & Sons, Burlington Flats, N.Y.

DUTCH CORNER

Offers bull calves sired by Segis Lyons No. 84592 whose 7 nearest dams have produced 7 30-lb. daughters and whose 2d dam and sire's 2d dam are two of the four 30-lb. 3-generation cows.

Price from $50 up according to record of dam.

John J. Walrath, East Springfield, N. Y.

WANTED: HERD OF HOLSTEINS

Will buy for spot cash small herd of Pure Bred Holstein heifers and young cows that are due to freshen this winter and spring preferred. Prices must be in keeping with present hard times, high cost of feed and a quick sale. Give breeding and lowest cash price.

F. D. Morgan, Springbrook, N. Y.

REGISTERED HOLSTEINS FOR SALE

One 2-yr.-old heifer, evenly marked, fresh Dec. 31, 1914. Price $160.00.

One six-weeks-old heifer calf, evenly marked and well grown. Price $65.00.

One two-months-old bull calf, ¾ white. Price $35.00.

One three-weeks-old bull calf, 5-8 white. Price $40.00.

The dam of three-weeks-old calf has produced three calves and gave 18000 lb. milk, being dry only 12 days.

For further particulars, address.

George Wakley, Roulette, Pa., R. 1.

Hamilton Breeders

A. A. Hartshorn Holstein Co.—Inside front cover.

30.65-LB.

This is the average for the three nearest dams of our herd sire, Beauty Pietertje Hamilton. We offer one of his sons a February calf, out of a 19.7-lb. 3-yr-old daughter of the 30-lb. sire, Artis De Kol Walker. Dam's dam, over 24 lb. A good calf at a reasonable price.

Address DR. O. S. LANGWORTHY
Hamilton, N. Y.

WE CAN SUPPLY YOUR WANTS
In Holstein-Friesians

Old or young, male or female, officially tested or untested. Eighty head to pick from. Tell us your wants. Address:

CHENANGO FARMS, Hamilton, N. Y.

BULL WITH 30-LB. AVERAGE
Just 2 Years Old.

Most popular breeding transmitting qualities as well as records. Used in our herd past year. Good—Price right.

H. W. Hartshorn, Culvert Brook Stock Farm, Hamilton, N. Y.

J. GRANT MORSE
Breeder of
Just a few
HOLSTEIN-FRIESIANS
OF INDIVIDUAL MERIT
Laurel Farm, Hamilton, N. Y.

Prince Pietertje Duanna No. 142792
Born Nov. 1, 1913.
Well Grown — A Fine
Well Bred — Individual
Dam .....28.21 lb.
Sire's dam at 4 y..25.58 lb.
Sire's sire's dam..30.51 lb.
Suunyslope Herd, Hamilton, N. Y.
J. C. Morris.

PHELANDALE HERD
OFFERS bull born Feb. 16, 1914. Sire—Dutchland Colantha Sir Inka, whose dam and sire's dam average 33.05 lb. butter. His first seven daughters to be semi-officially tested for a year average 16.868 lb. milk and 718 lb. butter. Dam of calf is a 23-lb. daughter of Dan Patch Hark. Seven nearest dams of calf average over 25 lb. butter. This calf is a good individual, ¾ black. Price $125. James Phelan, Forestville, Chautauqua Co., N. Y.

POLLED HOLSTEIN-FRIESIAN CATTLE
Registered and A. R. O. in the Holstein-Friesian Herd Books of America. World's records for polled cattle. Bull calves for sale at $100.00 up. Send for catalogue.
GEO. E. STEVENSON & SONS,
Waverly, Pa.

WANTED—Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have. Could also use 20 registered heifers.
C. E. GSCHWIND
1452 Elm St., Youngstown, O.

THESE WILL MAKE GOOD
We offer exceptionally good bull calves from A. R. O. Johanna cows and sired by Spring Farm King Pontiac Mercedes, a 31.8 lb. grandson of King of the Pontiacs. One nearly ready for service, 4 dams average 29.45. Price $350.
Barker Farm, Chippewa Falls, Wis.

ceedingly instructive especially to those who were familiar with the breeding of Holstein cattle. Dr. Eaton's address was along somewhat different lines and was received with great applause and pronounced one of the best addresses ever delivered on an occasion of this kind.

The Secretary and Treasurer's report showed a very prosperous year for the Association. New Jersey Breeders of Blacks and Whites are becoming more and more numerous and co-operation seems to be their watchword.

The members dined together at Hotel Somerset. The old officers were unanimously re-elected for the ensuing year. Following is the list: President, Louis H. Schenck, Neshanic, Vice-Presidents, Charles L. Roberts, Basking Ridge; John Dowes, Jr., Lebanon; John Sharpe, Blairstown; Bernhard Meyer, Finderne; S. D. Opie, Neshanic. Secretary and Treasurer, Jacob Todd, Jr., Somerville.

Jacob Todd, Jr. Sec'y.

The New England Holstein-Friesian Club held a meeting Feb. 13th at the Quincy House, Boston. In the morning, Mr. James C. Poor, North Andover, Mass. led an interesting general discussion of legislative problems, which at certain points became quite heated. A splendid dinner was served in a private dining room to just one hundred members and guests of the Club.

After dinner four readings were given by Miss Vincent of the Emerson School of Oratory. This was followed by an address upon "Pedigree, Type and Performance" by Mr. M. S. Prescott of the World staff. Mr. F. F. Field made a few remarks from his own experience in Holstein breeding, supplementing Mr. Prescott's talk.

All the arrangements were under the direction of Mr. Fred Walker, Burlington, Mass., the President of the Club, and reflected great credit upon his executive ability. It was a typical Holstein assemblage, prosperous appearing, and brim full of enthusiasm. It was decided to hold the next meeting in April at Brattleboro, Vt.

According to former announcement, the Regular Annual Meeting of the Holstein-Friesian Breeders' Association of Wisconsin will be held on Wednesday, March 3rd, 1915. The meeting will be held in the City Hall. On Tuesday, March 2nd, a banquet will be held at the Hotel Neenah. All who are interested in the promotion and breeding of Holstein cattle are cordially invited to attend both the banquet and the meeting.

An excellent program has been ar-

McHenry County Breeders

PEEP-O-DAY STOCK FARM
A few fine, growthy calves sired by a grandson of King Segis and from dams of fine type and immense capacity.
H. C. LA BREC — Harvard, Ill.

RIVER VALLEY STOCK FARM
Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.
These calves are beauties and priced right.
JOHN DEHMLOW, Algonquin, Ill.

FLORENTINE FARM
We have for sale a few choice heifer calves from A. R. O. dams.
J. H. TURNER
Hebron — Illinois

BELLEVIEW FARM
Breeders of large, typical Holstein-Friesians. Choice bulls; tuberculin tested; backed by high average records.
E. B. WATROUS Troy Center, Wis.

Strickland Farm
A Real Bull For Sale
Great individual, born Sept. 16, 1913; ready for service. Sire has 37 A. R. O. daughters. Dam of calf has 27.66 A. R. O. record 4.97 per cent fat; also a 21.58-lb. 3-yr-old daughter; one of the great cows. Write quick for pedigree and price.
S. M. Strickland, Carthage, N. Y.

NONPAREIL FARM
Herd sire King Pontiac Lilith Altoana No. 107196. Service fee $50.00.
People wanting service bulls from this sire and our A. R. O. cows will hereafter have to place their orders in advance as the demand seems to be greater than the supply this year.
FAY & CLOYES, Props.
Earlville, N. Y.

WANTED
30-lb. cows. A dozen or more Must be good individuals, at right prices.
John Arfmann, Middletown, N.Y

TEN YEARS A BREEDER
HOBART W. FAY
MASON, MICH.
HOLSTEINS OF COURSE

For More Milk and Butter use
"Schumacher Feed"
The Quaker Oats Co.
Chicago, Ill.

SHADY BROOK FARM

OFFERS YOUNG BULL

SIRE: King Johanna Segis Fayne. Dam's record 21.83 lb. butter in seven days.

Write:

A. D. BALDWIN, 1029 Garfield Building, Cleveland, O.

8 - Heifers Coming 2 Yrs. Old - 8

Nicely Marked—Good Ones
Bargain for a Quick Sale

Address

B. L. Whitman, R. 2, Dickinson Center, N. Y.

Walker Lilith Altoana

His dam gave 33.61 lb. butter in 7 days and 90.5 lb. milk in 1 day as a 3-yr-old.

Harold F. Hubbs, Kirkville, N.Y.

MORSEFIELD HERD

North Haverhill, N. H.

Herd numbers fifty head, combining breeding, individual quality and producing ability as shown in A. R. O. tests.

Herd sire, King Segis Pontiac Grover, a show bull, by King Segis Pontiac and from one of the best daughters of King of the Pontiacs.

Address

FRED E. WELLS, PROP'R.

Box 246, Syracuse, N. Y.

KANSAS CITY FARM

Breeders of K. C. Holsteins

Kansas City, U. S. A. and Springfield, Ill. Some bred heifers and heifer calves for sale. Also a few yearly record cows.

T. J. Daughenbaugh Springfield, Ill.

RODGERDALE HOLSTEINS

For Sale Yearling bull sired by Sir Johanna Lady Korndyke No. 84,-720. Dam, Burke De Kol Hengerveld 2d No. 132315. Butter A. R. O. 21.46 lb., milk 585.2 lb. Average of dam and sire's dam 29.79 lb. butter, 593.2 lb. milk.

For price address

M. J. Rodger Hammond, N. Y.

$300 WILL BUY

2 Granddaughters of Pontiac Korndyke

Both Born March 1914
Out of Untested Dams.

R. E. DAVIS Mexico, N. Y.

Ready for Service Now

Albia Abbekerk De Kol No.116537, sired by Briar Abbekerk De Kol whose dam and sire's dam average 29.73 lbs. in 7 days. Dam of this young sire is Bryonia Albia De Kol No. 91368. Evenly marked. Write C. E. WARD - - Palmyra, Wis.

ranged for the meeting. President W. J. Gillett of Rosendale, will give his Annual Address. Of course we can expect something of real Holstein interest and value from him. Mayor C. B. Clark of Neenah will also favor the meeting with an Address of Welcome, a Response to which will be given by one of the Directors of the Association.

Dr. John Faville, of Appleton, one of the owners of the old Faville farm at Lake Mills, will give an address on Holsteins of Thirty Years Ago. His father was among the early breeders of Holstein cattle in Wisconsin.

Other speakers are George C. Humphrey and D. H. Otis of Madison, Wis., Mr. Humphrey will speak on "Breeding For True Holstein Type and Increased Milk Production," and Mr. Otis on "Farm Management in Its Relation to Live Stock Production."

All of the foregoing subjects are of particular interest to the Holstein grade and pure bred breeders. A business meeting will also be held. The program for the day will open at 9:30.

Neenah is well connected with all the main railway lines in the state and conditions seem particularly favorable for meeting there at this time in view of the co-operation extended by the Fox River Valley Association. The officers of the State Association feel confident that our 1915 Annual Meeting will prove the best we have ever had.

C. J. Schroeder, Secretary.

It may be an item of interest to the readers of your valued paper to know that the Eastern New York Holstein Breeders' Association met at Pawling, New York, on the 13th. After a very nice luncheon, Mr. R. T. Wainright spoke on Type and gave a very interesting discussion of that most important subject. Dr. George Knapp, one of the successful veterinarians of this section, spoke on Sterility and Abortion, their causes, remedies and treatment.

Dr. Knapp was also questioned by the members for half an hour and gave many helpful suggestions.

Mr. Harry B. Davis of Chester spoke on the Founding of the Herd and his experience as a breeder gave weight and interest to his talk.

The meeting closed after Mr. Davis' speech to meet on the eighth of May.

Towner Kent, Treas.

NOTICE OF MEETING

The annual meeting of the Club will be held at the club rooms of the City Club of Syracuse, No. 433 South Warren Street, at 12:30 p. m. Wednesday, March 10, 1915.

The business to come before the meeting will be the election of officers,

Sherburne Breeders

WEST SIDE STOCK FARM

A bull calf, born April 10, 1914; more white than black; a first class individual. Sire, Cornucopia Korndyke Pontiac, a son of Pontiac Korndyke and from the 33.20-lb. cow, Ada Cornucopia Posch. Dam, Green Plain Lady, 20.63 lb. She has a 20.24-lb. jr. 2-yr-old daughter, and her dam and grandam have each produced 3 A. R. O. daughters with records from 20.63 to 26.54 lb. at 3½ yr. Calf will be sold for $150.00. John M. Howard, Sherburne, N. Y.

FOR SALE—2 Sons of King Veeman De Kol

One from a 16-lb. two-year-old heifer. Born in November. Your choice for $75.

R. P. Kutschbach & Son, Sherburne, N. Y.

BULL CALVES

WHOSE dam and sire's dam average 90 to 103 lb. for milk and 25 to 30 lb. for butter.

Clayton Sisson
Sherburne Stock Farm
Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM

50 pure-bred Holsteins of quality. 250 grades that cannot be surpassed.

Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.

F. H. WILCOX Sherburne, N. Y.

MAD BROOK STOCK FARM

Offers for sale a granddaughter of King of the Pontiacs born Sept. 18, 1914; nicely marked and well grown. If interested write for particulars.

BRIGGS & CUMMINGS
Sherburne, New York.

HARRINGTON SISTERS

OFFER A BULL CALF—Born Mar. 20, 1914; large, nicely marked; half white; a fine, active individual nearly ready for service. Sire, Prince Rag Apple Korndyke, a son of Pontiac Korndyke, and with two 20-lb. 2-yr-olds. Dam, Pietertje Clothilde Johanna De Kol 2d No. 103912, 24.792 lb. Sister to De Kol Queen La Polka 2d, 35.38 lb. Price. $100. Write for pedigree.

M. T. Bryant, Mgr., Sherburne, N. Y.

WESTEND STOCK FARM

Offers a Few Bull Calves

Sired by King Pontiac Hilldale (sire. King of the Pontiacs; dam, Hilldale Lorie Korndyke, 29.93 lb. at 4 yrs) and from A. R. O. dams. The calves are fine individuals. A credit to their backing. Choice for $125.

Bert J. Butts, Sherburne, N. Y.

Bellemore STOCK FARM Herd Sires

Cornucopia Korndyke Pontiac No. 86875 Sire, Pontiac Korndyke No. 25982. Dam. Ada Cornucopia Posch No. 96620. 33.20 in 7 days. 136.31 in 30 days. King Pontiac Hilldale No. 114040 Sire, King of the Pontiacs No. 39037. Dam Hilldale Lorie Korndyke No. 106671. 29.93 in 7 days as 4-yr-old. Bull calves for sale.

Edsall B. Reynolds, Sherburne, N. Y.

YOUR FUTURE HERD SIRE

Must be bought young if bought economically. The best are soonest taken. We now offer a bargain in a beautiful young bull (born Nov. 12, 1914) whose dam and sire's dam average 28.32 lb. butter in one week, 97 lb. milk in one day.

W. B. BULLOCK
Sherburne, N. Y.

WANTED

POSITION AS HERDSMAN

or manager by middle aged, single man; life experience feeding, breeding. Experienced in the production of certified milk. Can furnish best of references.

J. H. % H.-F. World, Lacona, N. Y.

consideration of the change in annual dues, entertainment of the National Association when it meets in Syracuse, June, 1915, to provide for delegate membership to the annual meeting of the National Association, and any other business that may come before the Club. This will be the most important meeting of the year and it is hoped that every member will be present. Inasmuch as it will be necessary to know about how many will be present, will you kindly drop a postal or telephone the Secretary, Warren 2421-J, at least a day previous to the meeting? This will avoid congestion and delay and greatly add to the pleasure of the dinner.

Remember South Warren Street, No. 433, City Club.

WING R. SMITH Secretary

Field Notes

NEW RECORDS

As reported by the owners

J. A. Stanton & Son, New Woodstock, N. Y. report:

Segis Korndyke Pledge, 4 y, 32.69 lb. A daughter of Walker Korndyke Segis.

M. L. Allen, Sup't for Oliver Cabana, Jr., Buffalo, N. Y., reports the following:

Segis Fayne Johanna, 35+lb. A daughter of King Fayne Segis, from a 26-lb. daughter of Johanna Rue 3d's Lad.

Milanhurst America De Kol 4 y, 31.-53 lb. A granddaughter of Woodcrest Nig De Kol.

Orchard Grove Auburn Segis 2½ y, 25.63 lb. A daughter of Sir Gelsche Walker Segis.

John Arfmann, Middletown, N. Y., reports:

Barbara Pietertje Butter Boy, 4½ y, 32.40 lb. A granddaughter of De Kol 2d's Butter Boy 3d.

Edith Fayne De Kol 3 y 30.45 lb. 30 days, 123.00 lb. A daughter of Woodcrest Nig De Kol, from a 20-lb. 2-yr.-old daughter of King Fayne Segis.

Woodcrest Pietje Alma, 30-|- lb. A daughter of Pietje 22d's Woodcrest Lad and the 33-lb. cow, Alma Clyde.

Fairmont Pontiac Calamity 2d, 30 mo. 24+lb. A daughter of Hillside Pietje, from a 30-lb. daughter of Pledge Spofford Calamity Paul.

First two daughters of King Segis Pontiac Alcartra, each over 21 lb. at 2 years.

E. C. Schroeder, Moorhead, Minn., reports:

Spring Brook Bess Burke 2d, 36.10 lb. Milk 736.10 lb. Butter, 30 days 146.40. A daughter of Sir Johanna Canary DeKol and the 34.8 lb. cow, Spring Brook Bess Burke, who is a granddaughter of De Kol Burke.

W. E. Stilwell, for D. W. Field Farm Co. reports:

Colantha Maid Mutual, at 3 years, 100.7 lb. milk in a day, with over 26 lb. butter now to her credit, and gaining. A daughter of Colantha Johanna Lad and the 31-lb. cow, Maid Mutual De Kol.

Postponement

Will you kindly in the next edition of the World announce the fact that owing to counties in New Jersey from which our principal consignments have been secured for the sale advertised to be held in Syracuse, March 23-24, having been declared closed by the order of the Bureau of Animal Industries recently issued, we are obligd to declare the sale off.

Fastig Tipton Company,
Valancy E. Fuller,
Mgr. Cattle Department.
New York City, Feb. 18, 1915.

Entire Herd For Sale

Seventeen females, of high record backing and individual quality. Herd is headed by one of the best bulls of the breed, who is also for sale. Address:

BUSINESS, cr. H.-F. WORLD,
Lacona, N. Y.

WANTED Position as herdsman in a herd doing A. R. O. work. The undersigned is a married man with fifteen years of experience with Holsteins, much of the time doing official testing. Address

GEORGE B. ROBINSON,
Watertown, N. Y. cr. Greystone Stock Farm

44-LB. BLOOD

Bulls of serviceable age, and yearling heifers for sale, by a son of the 44-lb. cow, and from A. R. O. tested dams.

Special. Two bull calves by Matador Walker 81979, born Nov. 18, 1914, one from a 23 ½ lb. 3-yr-old; the other born June 4, 1914, from a 21-lb. dam. Price very low for a quick sale.

The Boyson Holstein Herd, Rome, N. Y.

HEIFERS FOR SALE

Two 2-yr.-old granddaughters of Rag Apple Korndyke.

One 5-yr.-old daughter of Rag Apple Korndyke.

Two 3-yr.-old heifers of good breeding.

These heifers may be seen at the Rosegrant Farm near Ogdensburg.

Address:

W. E. Bond, Potsdam, N. Y.

CALVES

Sons of King of the Pontiacs 15th No. 87504 are arriving every few days. Place your order for one. Price from $25.00 up.

H. PERKINS & SON, Red Creek, N. Y.

Complete Dispersion Sale of the Herd at Greystone Stock Farm

March 10, 1915

32 HEAD OF PURE BREDS AND 47 HEAD OF GOOD GRADES

At the head of the herd is Dutchland Sir Pietertje Ladoga (to be sold) a 3-yr.-old grandson of Colantha Johanna Lad and Pietertje Hengerveld's Count De Kol. A dozen yearling daughters of this sire are in the sale and every female of breeding age is in calf by him. Sale held at Farm, four miles east of Watertown, N. Y. For catalog address,

JOHN B. HARRIS, 208 Trinity Place, WATERTOWN, N. Y.

SHARPEN YOUR HORSE'S SHOES without blacksmithing by means of our emery wheel attachment for Steward Clipping Machine.

Attaches in place of clipper-head at the end of flexible shaft.

Serves a hundred important uses on the farm. Price $3.00 complete.

UTILITY EMERY WHEEL CO., **Lacona, N. Y.**

BULL CALF, Born February 24, 1914

Sire—Premier Pontiac, son of Pontiac Korndyke and Sadie Pontiac Korndyke, 102.4 lb. milk in 1 day, 687 lb. milk, **29.56 lb.** butter.

Dam—Dot Fayne **26.68 lb.** butter. Calf is light in color and good individual. Write for pedigree and price today

F. H. THOMSON & SON, Holland Patent, N. Y.

Woodmont Farms

Offer a Bull Calf born Nov. 8, 1914.

Sire—SPRING FARM BUTTER BOY, whose dam, Tweedie De Kol Lass (34.39, average per cent fat 5.10), is also dam of the only 44-lb. cow, Tweede De Kol Lass and her daughter, K. P. Pontiac Lass, hold the World's records for mother and daughter in both the 7- and 30-day divisions.

Dam: MARGILL MINNIE GEORGIANA, butter 2 yrs., 13 days, 15.31. Her sire was a direct descendant of Prilly, "Queen of the Breed." Her dam, Margill Minnie, 23.54. A beautiful individual and a good 30-lb. prospect.

A splendid individual, straight and well grown. In color, black with white points. Dam and sire's dam average 24.85. Pedigree on application. PRICE $125.

WOODMONT FARMS, MORRISVILLE, N. Y.

30-LB. BULL FOR SALE

Born—June 15, 1914.
Grand individual, three-quarters white, extra well grown (nearly ready for service).
Sire—Sir Woodcrest Korndyke Kate De Kol 36366—16 A. R. O. daughters that average 25 lbs.
Dam—Lieuwkje Pauline De Kol Wayne 60667. Butter 30.47 at 10 years. 3 A. R. O. daughters.
One 6 yr. old, butter 36.15.
One 3 yr. old, butter 25.77.
One Jr. 2 yr. old, (twin) butter 22.98.
All full sisters to above bull.
A few young bulls from 23 lb. 3-yr-olds to 32 lb. 4-yr-old dams.

A. R. OWEN Maplewood Farm Box 283 Goshen, N. Y.

Seven Day and Yearly Record Backing We Offer

Duke Pontiac Burke De Kol 125010

A son of the great 26-lb. cow Howland Nina Burke Princess 106888, who has just completed a semi official year's record of:—

Milk	23,761.80
Butter	925.51

Her dam is a 21-lb. cow with a 30-day record more than four times as large.

THE SIRE—Maplecrest Pontiac De Kol Boy 62238, one of our herd bulls was by **Pontiac Aaggie Korndyke** (10 30-lb. daughters—more than any other living sire) and from a **27.86 lb. daughter of Friend Hengerveld De Kol Butter Boy (4 30-lb. daughters).** These two sires each have 4 daughters with year's records above 1000 lb.. the former having two and the latter three above 1200 lb. No other sire can make an equal showing for either 1000-lb. or 1200-lb. daughters.

The combination of this wonderful work with the great year's record of the dam, we believe can produce nothing but exceptional results.

Duke Pontiac Burke De Kol 125010, was born Jan. 30, 1914, is a splendid individual, and is now ready for service. Here is a splendid value in a herd sire.

COOLEY FARMS Owned by **The City of Cleveland**

Home of the Junior 2-year-old Champion of the World

Address all correspondence to JAMES A. REYNOLDS, Sup't. Warrensville, O.

IF IF

Our March Sale is postponed as per our advertisement in last week's issue of the World but,

IF

the existing quarantine conditions are regulated, as we believe they will, we will hold our sale of

April 20-21 1915

as advertised. For our April Sale we will hold over the better part of the nearly 200 head consigned to our March Sale and will make it

The Sale of the Season

Our March Sale, we believe, was made up of more 30-lb. cows, daughters of 30-lb. cows and cows with records between 20 and 30 lb. than any other sale that was ever held.

If you really want to attend a sale of quality make arrangements to be in Syracuse

April 20-21, 1915

Write now for catalog

LIVERPOOL SALE & PEDIGREE CO., Inc.
Liverpool, N. Y.

IF IF

HOMEWOOD FARMS

RYE, NEW YORK

The 2-year-old bull we offered recently has been sold.

We now offer the following young bulls
Ready for Service.

1. Born Sept. 28, 1913.
   Sire - Prince Ormsby Beets, No. 71712.
   Dam—Gretchen Hengerveld Pietertje. No. 79405.
2. Born Oct. 13, 1913.
   Sire - Prince Ormsby Beets, No. 71712.
   Dam—Netherland Nemesis De Kol 2d Lass No. 129936.
3. Born Dec. 22, 1913.
   Sire - Prince Ormsby Beets, No. 71712.
   Dam—Blanche of Stony Ridge, No. 154569
4. Born Nov. 1, 1913.
   Sire—Dummerston 36, No. 105043.
   Dam—Londonderry Allons Lyons, No. 131426.

These bulls are all well bred and splendid individuals. We hope to give their dams records in th near future.

The dam of Prince Ormsby Beets, **Manor De Kol Lady Burke 3d, No. 79931**, has an A. R. O. record of 24.81 lbs. He is by **Paul Beets Colantha, No. 48269**, who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36 is by the great **Admiral Walker Gelsche, No. 44227.** His dam is a three-quarter sister of the dam of the World s record cow.

Admiral Walker Gelsche, is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

Richard T. Wainwright, Rye, New York

WALCOWIS FARMS

Offer the great young sire, Woodcrest Pietje Walker, born Nov. 11, 1912.

SIRE, Pietje 22d Son, whose first 12 daughters to freshen averaged 20.27 lbs. at an average age of 2 yrs. 6 mo.

DAM, Isabella Clothilde Walker with records of 27.66 butter in 7 days, 987.75 butter in 365 days and 22082.90 lbs. milk.

She has 5 A. R. O. daughters including Lottie Walker Spofford 32.50 and Isabella Hengerveld 30.43.

He is a splendid individual and evenly marked. For price, pedigree and photo address

A. B. DICKINSON, Lake Geneva, Wis.

SIR PIETJE ORMSBY SPOFFORD

7 A. R. O. daughters,
Elnoradale Pietje Paula 24 mo. 22.13
" " Maid 24 mo. 21 34
" " Burke 23 mo. 18.03
" " Beauty 24 mo. 16.38
" " Jessie 23 mo 15.08

As far as we know he is the only sire with twelve out of his fifteen nearest sires having one or more 30-lb. daughters.

His record proves his own merit.
His dam is a 24-lb. 4-yr-old sired by a son of a 30-lb. cow; his sire's 3 nearest dams average 30.61 lb.
We offer one of his sons from a 27-lb. 3-yr-old daughter of a 28-lb. cow.
Real value here.

ELNORADALE FARM, Rexville, N. Y.

Grand View Herd

Offers a young bull ready for service. Born Feb. 4, 1914.

Sire, Spring Farm King Agatha, his three nearest dams average 35 lb. Each of these dams are all above 30 lb., including his own dam with a 3-yr-old record of 30.67 lb.

Dam, Daisy Veeman Beauty, with 16.74 lb. at 2 years of age, she a granddaughter of DeKol 2d's Butter Boy 3d.

This youngster is 3-4 white, handsomely marked. Send for pedigree and price.

WATKINS BROS., Camden, N. Y.

SPRING FARM HERD

OFFERS

Sons of the $15,000 44-lb. bull

SPRING FARM PONTIAC CORNUCOPIA No. 77172

One born January 1, 1915; largely white; a faultless individual.

The records of his dam at 2 years, both grandams and three other near dams average for the six, 34.15 lb. His two grandams, Tweede White Lady and K. P. Pontiac Lass, records average for 7 days, 40.81 lb.; for 30 days, 160.71 lb.; for 60 days, 293.80 lb.; for 90 days 411.73 lb.; for 100 days, 449.73 lb. This bull is in a class by himself.

FRANCIS M. JONES

CLINTON ONEIDA CO. NEW YORK

LINDENWOOD HOPE

The Risinghurst Herd

HOME OF
THE WORLD'S CHAMPIONS

Offers a few choice young bulls, also a few A. R. O. cows in calf to Risinghurst Johanna Ormsby DeKol, son of the great Lindenwood Hope.

We will also accept a few approved cows for service to her son.

CROWN PRINCESS MAXIEDE KOL 2D

G. W. RISING, Fayette, O.

HEART'S DELIGHT FARM

SIR WALKER PONTIAC

A Splendid Opportunity to a get son of **King of the Pontiacs.**

Sire: **King of the Pontiacs.**

Dam: **Lucinda Walker Pietertje**
(19.47 lb. butter 7 days)

Born June 27th, 1911.

Will exchange this bull for good strong heifers of the best families.

W. H. MINER **CHAZY** **NEW YORK**

GRANDSONS OF THE $50,000 BULL FOR SALE

WE OFFER two sons of King Veeman Pontiac Hengerveld, a son of King Segis Pontiac Alcartra and from a 29.14-lb. daughter of Sir Veeman Hengerveld, who has six 30-lb. daughters. The dams of these calves have records of 27.24 lb. and 22.60 lb. at a 4-yr-old. These calves are from two to four months old and are very fine individuals.

J. H. PHELPS & SON Cresdale Farm
Vernon, Oneida Co., N. Y.

ON YOUR LAST CUTS DID THE ENGRAVER PAINT OFF THE HORNS OF THE BULL AND NOT KNOW IT?

If you have had trouble in getting good cuts of your Holsteins send them to me and tell me in cow language what you want to show and I will make the plates the way you want them for I have owned a few Holsteins myself.

C. F. TELLER, Pres.
ONONDAGA PHOTO-ENGRAVERS, Inc.
220 West Onondaga Street
Syracuse, N. Y.

We make cuts for the Holstein-Friesian World.

Heifer Calf For Sale—Sire, Pontiac Triumph Cornucopia 49270, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld DeKol. His first daughters to freshen are milking over 50 lb. per day as 2-yr-olds. Dam, a 14.2-lb. 2-yr-old granddaughter of Betta Lyons Netherland (34.71 lb.) whose dam is also a 34-lb. cow. Calf was born Jan. 23, 1915 and is a nice one. Write for pedigree and price. H. C. Stanton, Burn Brae, Clifton Heights, Pa.

Son of 28-lb. Cow that is a daughter of Pietertje Hengerveld's Count De Kol. She gave a lot of milk, is a faultless individual, and has a 25-lb. daughter. Sire of calf was by Colantha Johanna Lad, and from a 31-lb. daughter of a 30-lb. cow. Calf was born Jan. 1, 1915, and is a beauty. Investigation means a sale. The Wallace Holstein Co.,

R. E. Buell, Mgr., Wallingford, Conn.

BOND CENTURY FARM
Canastota, N. Y.
Grandsons of King of the Pontiacs
From A. R. O. dams for sale.
Address
W. E. Bond, Potsdam, N. Y.
Or call at the farm, W. A. Hotchkiss, Manager.

WANTED

Volumes 10-12-13 Holstein-Friesian Herd Books to complete our set. State price. Buy all or any one volume.

WOODCOCK BROS.
Edwards, N. Y.
St. Lawrence Co.

FOR SALE—Bull Ready for Service. A grandson of Pontiac Korndyke. Sire, Pietertje Hartog Korndyke, 86026. Dam, Cornucopia Vase No. 166794; a daughter of Aaggie Cornucopia Johanna Lad 7th. Record, Milk 532.3 lb. Butter, 21.325 lb. Bull born March 12, 1914; large in size and as straight as a line. A fine individual, ¾ white. Send for photograph, pedigree and price. R. Price Evans, Castville, N. Y., R 2.

YOU MAKE THE MOST
MILK FOR THE LEAST
MONEY BY FEEDING
UNICORN DAIRY RATION
CHAPIN & COMPANY,
7 R Merchants Row,
Boston, Mass.

Herd Record of herd at Spring Brook Farm, Geo. Wakley, Prop., Roulette, Penna.

	No. of lbs. of milk each cow has given	No. of da. in milk	p.c. fat	Age at time of calving
Oleana Pauline Butter Boy ..... No. 154287.	9326.8	365	3.8	3 yr. 6 mo.
Pauline De Kol Camlet ..... No. 202356.	5864.7	292	3.2	1 yr. 10 mo.
Pauline Amsden Butter Boy 2d . No. 160738.	1913—9544.0 1914—8419.6	360* 306	3.6	2 yr. 11 mo.
Pauline Amsden Butter Boy ..... No. 154286.	7648.1	248	3.9	4 yr. 8 mo.
Oleana Pauline Butter Boy 2d .... No. 176907.	6419.0	295	3.6	2 yr. 0 mo.
	37678.2	301 1-5	3.62	Av. age 2 yr.,
These heifers are all closely related and records were made with just ordinary care.	Av. of 7535.64 per cow, 25+ per da.	Av. *360 da. dry		11 mo., 24 da. 12 da.

THE DAIRY TEST AT THE OTTAWA WINTER FAIR, 1915.

The following table gives the complete list of entries of each breed, with the pounds of milk, per cent of fat, and total points for each animal. It is published in full as it affords a rather interesting study in breed comparison, and one that should prove particularly gratifying to Holstein adherents, especially when it is considered the Jersey exhibit was characterized as the finest lot of this breed ever shown at a winter fair.

Awards in the Dairy Test at the Ottawa Winter Fair, 1915

	Lbs. milk	% fat.	Tl.pts.
AYRSHIRES—Cow, 48 Months and Over.			
1—Adalia 6th, 30482—R. R. Ness, Howick, Que.	153.1	4.0	191.98
2—Burnside Lucky Girl 2d,30847—R. R. Ness	141	3.9	180.91
3—Bright Smile of Maple Grove, 16593 J. Hudson & Son, Lyn, On	134.4	3.7	169.04
4—Primrose, 34228—J. Hudson & Son	110.5	4.4	150.47
Cow, Over 36 Months and Under 48			
1—Redhills Gay Lass (Imp.), 35775—R. R. Ness	142.7	3.8	174.38
Heifer, Under 36 Months.			
1—White Floss of Springbank, 35280—J. Hudson & Son	147	4.2	192.74
2—Burnside Pearl 5th, 43060—R. R. Ness	109	4.2	153.45
3—Burnside Adalia 3d, 41108—R. R. Ness	118.3	3.7	147.44
4—Brookside Nancy, 14929—W. H. McNish, Lyn, Ont.	113.3	3.8	141.47
5—Jemima of Springbank 3d, 35281—J. Hudson & Son	106.5	3.6	125.25
HOLSTEINS—Cow, 48 Months and Over.			
1—Princess Abbekerk Cubana, 15082—W. H. Cherry, Hagersville, Ont.	241	3.5	275.74
2—Pauline Colantha Posch, 8784—A. E. Hulet, Norwich, Ont.	209	3.8	252.10
3—Hilda of Nober, 10023—W. J. Bailey, Hagersville, Ont.	244	3.1	251.29
4—Netherland Beauty Posch, 11047—W. H. Cherry	229.2	3.3	250.88
5—Ideal Netherland Posch, 11049—W. J. Bailey	225.3	3.0	227.95
Cow, Over 36 Months and Under 48.			
1—Mercedes Lady Mechthilde, 18553—W. H. Cherry	203	5.3	326.36
2—Elmdale Mabel, 18294—R. M. Holtby, Port Perry, Ont.	198.2	3	203.37
3—Violety Sylvia, 15630—J. Knapp, Merrickville, Ont.	190.4	3.0	188.21
4—Cassy De Kol Zeeman, 22539—R. Dowler, Billing's Bridge, Ont.	170.3	3.0	171.9
Heifer, Over 24 Months and Under 36.			
1—Pauline Colantha Mercina, 149462—A. E. Hulet	191.6	3.9	233.78
2—Hengerveld Faforit, 21775—W. J. Bailey	191.3	3.6	219.11
3—Ideal Daisy Faforit, 21776—W. J. Bailey	172.3	4.0	217.16
4—Faforit Beauty Posch, 20335—W. H. Cherry	179.2	3.3	195.79
Heifer Under 24 Months.			
1—Fayne Segis De Kol, 21638—R. M. Holtby	165.5	3.0	171.15
2—Elmcrest Bella De Kol, 23076—W. H. Cherry	151.9	3.4	170.10
3—Fayne Segis Countess, 26332—R. M. Holtby	153.3	3.2	160.8
SHORTHORNS—Cow, Over 48 Months.			
1—Lady Robins, 59855—W. J. Beaty, Guelph, Ont.	178.9	3.9	222.89
2—Verchoyles Blossom, 68277—W. J. Beaty	129.9	4.5	182.42
3—Ramdens' Pearl, 78680—W. J. Beaty	101.6	4.8	169.41
4—Lady Morning Glory 3d, 98756—A. H. Foster & Son, Richmond, Ont.	145.0	3.0	148.63
Cow, Over 36 Months and Under 48.			
1—Butterfly Bloom, 101782—W. J. Beaty	129	3.9	170.7
Heifer, Under 36 Months.			
1—Bramer Beauty, 103077—W. J. Beaty	85.8	4.4	128.11
JERSEYS—Cow, Over 48 Months.			
1—Donaldy Lyle 3d, 758—B. H. Bull & Sons, Brampton, Ont.	145.1	5.2	228.24
2—Brampton's Bright Draconas, 3708—B. H. Bull & Sons	138.0	5.0	216.13
3—Brampton Patricia, 2469—B. H. Bull & Son	87.1	5.1	144.0
Cow, Over 36 Months and Under 48.			
1—Brampton Bright Kathleen, 3581—B. H. Bull & Son	109.4	4.8	163.77
2—Pauline's Blue Maid 2034—B. H. Bull & Son	105.7	4.6	150.86
3—Brampton's Bashful Beauty, 4654—B. H. Bull & Son	106.4	4.0	143.66
Heifer, Under 36 Months.			
1—Reans Glow 4th, 2708—B. H. Bull & Son	105.5	4.1	138.40
2—Brampton Religh Cowslip, 4667—B. H. Bull & Son	93.0	4.3	133.72
3—Brampton's Stockwell Rose, 3517—B. H. Bull & Son	78.9	5.3	133.5
4—Brampton's Stockwell Rad, 3519—B. H. Bull & Son	85.5	4.9	127.76
GRADES—Cow, 48 Months and Over.			
1—Agnes—Dowler Bros., Billing's Bridge	197.8	3.7	239.99
2—Bell—T. A. Spratt, Billing's Bridge	182.8	3.5	208.5
3—Nellie—T. A. Spratt	206.5	3.0	205.79
4—Lawnidge—W. J. Beaty, Guelph, Ont.	135.2	3.3	146.32
Cow, Over 36 Months and Under 48.			
1—Daisy—Dowler Bros.	155.1	3.2	163.59
2—Beauty—Dowler Bros.	148.8	3.2	156.19
3—Madge—W. J. Beaty	118.3	4.0	159.97
4—Maggie—T. A. Spratt	127.1	3.0	137.05
Heifer, Under 36 Months.			
1—Dolly—T. A. Spratt	145.4	3.2	155.08
2—Flossie—Dowler Bros.	144.4	3.1	145.58
3—Sadie—R. Reid & Co., Ottawa, Ont.	116.5	3.3	127.45

OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS.

Name of Cow, Sire, Breeder and Owner	Age y.	m.	d.	Milk lbs.	Per ct.	But.lbs. ft.	But.lbs. 80%ft.
FULL AGED CLASS							
Pietertje Floa Artis 114334 (Kuperus De Kol Artis)	6	6	5	494.5	6.17		38.14
Record for 30 days				2311.6	4.85		140.00
B., John Jaquay, Poolville, N. Y. O., F. S. Stimson, Hollywood, Wash.							
Buffalo Duchess Skylark 124514 (Sir Ormsby Skylark	5	0	3	558.1	4.92		34.30
B., R. B. Young, Buffalo Center, Iowa. O., John B. Irwin, Minneapolis, Minn.							
Iona De Kol Burke 89311 (Pledge De Kol Burke)	8	6	15	582.5	4.60		33.53
Record for 30 days				2408.9	3.85		115.99
B., Est. C. C. Baldwin, Canastota, N. Y. O., Sam'l de Boer, Nappanee, Ind.							
Aaggie Wayne Calamity Jane 107745 (DeKol Houwtje Prince)	6	9	8	603.4	4.31		32.53
Record for 30 days				2622.6	3.60		118.18
B., F. E. Eager, Howell, Mich. O., Sam'l de Boer, Nappanee, Ind.							
Canary Barnum Perfection 107536 (Canary Sir Barnum Mechthilde)	6	9	17	553.4	4.47		30.92
Record for 30 days				2401.2	3.91		117.28
B., F. E. Eager, Howell, Mich. O., Sam'l de Boer, Nappanee, Ind.							
Skylark Canary 97776 (Canary Mercedes Paul)	7	2	23	604.6	4.07		30.77
B. & O., John B. Irwin, Minneapolis, Minn.							
10 others above 25 lb.							
SENIOR FOUR-YEAR CLASS.							
Northern Fobes Denver 139835 (Northern Fobes De Kol)	4	9	7	450.8	6.38		35.94
Records for 30 days				2183.5	4.50		122.93
B., Upper Peninsula Hospital for Insane, Newberry, Mich. O., Emblagaard Dairy, Big Bay, Mich.							
Clara Rose Monti De Kol 138301, (Lakeside Butter King De Kol)	4	11	19	534.1	4.21		28.09
B. & O., Hans Stensrud, Watson, Minn.							
Berty Inland Oak De Kol 141148 (Johanna Oak)	4	11	11	486.8	3.99		24.30
B., Theo. Lehmann, Watertown, Wis. O., Thomas Darcey, Watertown, Wis.							
14 others above 20 lb.							
JUNIOR FOUR-YEAR CLASS.							
Blanche Pontiac Von Count De Kol 144369 (Alicine Pontiac Butter Boy)	4	3	0	439.4	4.33		23.81
Record for 15 days				955.5	4.04		48.27
B. & O., Geo. Freese's Sons, Nappanee, Ind.							
Johanna Clothilde Duchess 145559 (Johanna Clothilde 4th's Paul)	4	1	6	461.1	4.02		23.19
B., W. Krause, Thorp, Wis. O., Imig Brothers, Neillsville, Wis.							
Tobe De Kol Emma 149889 (Sir Korndyke Manor De Kol Jr. 2d)	4	2	15	438.9	4.12		22.61
B. & O., John H. Phelps, Vernon, N. Y.							
Johanna Korndyke Mercena Bewunde 157796 (Johanna Korndyke DeKol)	4	0	14	431.7	4.18		22.53
B., F. R. Crandall, Howell, Mich. O., F. J. Bristol & Sons Co., Oakfield, Wis.							
10 others above 20 lb.							
SENIOR THREE-YEAR CLASS.							
Aegis Koningen De Kol Burke 143660 (A. & G. Regis De Kol Burke 5th)	3	11	23	509.9	4.20		26.80
B., W. H. Hotaling, Apulia Sta., N. Y. O., E. A. Powell, Syracuse, N. Y.							
Wandermeere Canary Mechthilde 145057 (Calamity Jane's Paul A. 2d)	3	11	29	475.8	4.47		26.59
Record for 15 days				982.7	4.06		49.87
B., F. E. Eager, Howell, Mich. O., Sam'l de Boer, Nappanee, Ind.							
Johanna Korndyke Butter Girl 157802 (Johanna Korndyke De Kol)	3	9	25	526.5	4.04		26.57
Record for 21 days				1544.2	3.92		75.59
B., F. R. Crandall, Howell, Mich. O., F. J. Bristol & Sons Co., Oakfield, Wis.							
Crescent Baldy Pet Hengerveld 157992 (Norwood Veeman Hengerveld De Kol)	3	6	2	451.4	4.69		26.47
B. & O., Jos. Hoskens, De Pere, Wis.							
Eureka Pontiac Mabel 159923 (King Pontiac Royal)	3	9	21	427.9	4.84		25.88
Record for 30 days				2049.8	4.13		107.13
B. & O., Paul McNish, Burton, Ohio.							
Finderne Soldene Fayne 144568 (King Hengerveld Aaggie Fayne)	3	11	24	615.0	3.32		25.52
B., B. Meyer, Finderne, N. J. O., C. F. Hunt, Oran, N. Y.							
Katie Pietertje Paul 5th 160885 (Colie Change)	3	10	26	555.4	3.60		25.01
B. & O., Jabez Smith, Newark Valley, N. Y.							
24 others above 20 lb.							
JUNIOR THREE-YEAR CLASS.							
Lady Oak Homestead Canary 168934 (Canary Paul Fobes Homestead)	3	0	13	495.8	3.75		23.24
Record for 14 days				965.0	3.80		46.06
B. & O., S. B. Jones & Son, Watertown, Wis.							
Houwtje Maid Canary 183814 (Canary Butter Boy King)	3	1	21	472.9	3.78		22.37
Record for 15 days				974.1	3.83		46.62
B., H. W. Mollhagen, Bushton, Kan. O., Harry W. Mollhagen, Bushton, Kans.							
Frances Jane Hartog Canary 183813 (Canary Butter Boy King)	3	0	2	490.7	3.62		22.19
Record for 14 days				934.6	3.43		40.05
B. & O., Harry W. Mollhagen, Bushton, Kans.							
Lyons Colantha Spray 191915 (Johanna De Colantha Spray	3	1	11	487.7	3.63		22.12
B., J. A. Garrow, Morenci, Mich. O., E. D. Marks & Son, Morenci, Mich.							
5 others above 20 lb.							
SENIOR TWO-YEAR CLASS.							
Otsquago Princess Ormsby 185489 (Sir Ormsby Artis)	2	11	8	509.6	3.62		23.06
B., Geo. Springer & Son, Mohawk, N. Y. O., D. H. Springer, Jordanville, N. Y.							
Hilldale Rosa Inka Segis 198237 (King Segis Beets)	2	7	9	458.7	3.70		21.21
B. & O., J. A. Stanton & Son, New Woodstock, N. Y.							
Princess Della 198920 (Johanna De Colantha Champion)	2	10	4	407.0	4.01		20.42

Cazenovia Breeders

KORNDYKE PONTIAC AAGGIE, 64888
Heads Our Herd.

He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet. His dam is the great 30-lb. cow, Aaggie Alban Shadeland.
Herd numbers forty head.

W. H. HUGHES
P. O. Webster Station, N. Y. (near Cazenovia). Railroad, Ballina, on the West Shore.

MEADOWOOD FARMS

Cazenovia, N. Y.

BULL CALVES FOR SALE AT REASONABLE PRICES

All from A. R. O. dams.

W. G. Chard, Prop. A. L. Shepherd, Mgr.

BY A 33.87-LB. SIRE—Dam, a 16.45-lb. 2½-yr-old, produced 458.2 lb. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion 2-yr-old, and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a 6-mo.-old bull calf we are offering at a bargain. Also, a bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address **Chas. S. Fairchild Lorenzo Farm, Cazenovia, N. Y.**

Two Grandsons of King of the Pontiacs

By King of the Pontiacs Small Hopes—one from an 18-lb. 3-yr-old granddaughter of King Segis; 2d dam a 21.6 lb. 3-yr-old daughter of Korndyke De Haan, the other from an 18-lb. 4-yr-old daughter of Korndyke De Haan. Write for pedigrees and prices. **J. A. Fuggle, Sulphur Springs Farm, Cazenovia, N. Y.**

Elm Road Farm

Can fill your wants in Holsteins. Herd sire—Sir Woodcrest Korndyke Kate De Kol 5th, who has a 30-lb. dam and a 36-lb. full sister.

R. D. LEE Cazenovia, N. Y.

GRANDSON OF KING OF THE PONTIACS

From a 13.23-lb. yearling daughter of a 22.64-lb. cow. Calf is 7-8 white, straight and right. Price $50.00.

Jay W. Lee, Cazenovia, N. Y.

163 ACRE ALFALFA-DAIRY FARM

30 acres alfalfa.
15 acres woodland.
90 ft. stable—silo.
Well watered. 3 miles from Cazenovia on State Road. Want to sell farm and herd of 28 pure-bred females.

D. D. BLOWERS
R. F. D. Cazenovia, N. Y.

BLUE BOOK

Every Holstein Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 25th volume? You can not afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 25th volume is now ready for distribution. I contains 1070 pages of condensed information relating to Holstein-Friesian cattle, including whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all. Send all applications with price to

M. H. Gardner, Supt. A. R.
Delavan, Wis.

New Woodstock Breeders

J. A. Stanton & Son—Half page ad.

GRANDSON OF KING OF THE PONTIACS

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

A. L. LAMUNION
New Woodstock, N. Y.

31.64-LB. BULL CALF

Out of a 25.69-lb. cow that produced 577.3 lb. milk in a week, and by a son of the famous 37-lb. $5500 cow, Pontiac Pet. Calf born May 9, 1914. Quality and breeding at low price. Address

F. L. FREEBORN
New Woodstock, N. Y.

SON OF A 29.87-LB. SIRE
READY FOR SERVICE

Sire, Sir Urmagel Burke Segis, 88538. Dam, A 15.88-lb. junior 2-yr-old daughter of a 31-lb. sire.
Here is a good individual, evenly marked, with plenty of breeding. Price remarkably low. Address

DAMON BROS. New Woodstock, N. Y.

BY A 26-LB. SIRE

We offer a bull calf by a 26-lb. son of De Kol Beets Segis, and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. HUNT
New Woodstock, N. Y.

26.61-LB. BULL CALF Born Nov. 19, 1914; mostly white. Sire, Marcella Hengerveld Champion 93151. Dam, Clothilde Imperial De Kol 69179. In test but 7 days, and made over 23 lb. Average above given includes, dam and 3 nearest dams of sire. A good calf, at a right price. Address

Irving H. Lee, New Woodstock, N. Y.

The Asylum Herd

"WHERE THE CHAMPIONS COME FROM"

Offer Bull Calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje.
Do you want a Pontiac in your herd?
Pontiac State Hospital Pontiac, Mich.

SPRINGVALE STOCK FARM
"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON
Rosendale, Wis.

TROUT BROOK HERD

Headed by King of the Pontiacs 4th, one of the best sons of his dad. Nothing for sale at present.

W. H. HORSTMAN Schenectady, N.Y.

3 Good Bulls For Sale

Sired by a son of Admiral Walker Pietertje and dams are A. R. O. young cows. No reasonable offer will be refused. Inquire of

A. B. MILES
Philadelphia, N. Y.

W. A. HOTCHKISS, Mgr.
HOLSTEIN BREEDERS

That desire to breed their heifers to a bull that inherits the blood of the greatest number of the World's Record cows, at a reasonable price and on favorable terms should write

C. S. AVERILL
The Bancroft Hotel, Worcester, Mass.

B. & O., John Erickson, Waupaca, Wis.
Alice Spofford De Kol 187528 (Spofford De Kol Pioneer) 2 11 27 438.5 3.47 19.04
B. & O., C. M. Royce, Berkshire, N. Y.
Hollywood Korndyke Belle 199990 (Hilldale Hengerveld De Kol) 2 7 3 446.1 3.35 18.67
B. & O., F. S. Stimson, Hollywood, Wash.
Hengerveld Pietertje Queen 194124 (Beauty Pietertje Prince Count) 2 7 2 414.0 3.55 18.39
B., D. E. Carley, Manlius, N. Y. O., Murphy & Gillette, Manlius, N. Y.
Mapleside Modestine 185909 (King Pietertje Hartog) 2 8 18 490.2 2.98 18.04
B., H. W. Norton, Howell, Mich. O., James Couzens, Pontiac, Mich.
17 others above 16 lb.

JUNIOR TWO-YEAR CLASS.

Lady Longfield Ormsby Fobes 2d 199540 (Canary Paul Fobes Homestead) (30 days) 1 11 14 1879.7 3.87 91.10
B. & O, S. B. Jones & Son, Watertown, Wis.
Lady Oak Canary De Kol 199541 (Canary Paul Fobes Homestead) (30 days) 2 3 13 1856.3 3.97 92.11
B. & O., S. B. Jones & Son, Watertown, Wis.
Wolfspring Topsy 215393 (Allenvail Topsy De Kol Son) 2 1 21 348.3 4.77 20.79
B., F. S. Ostrander, Almond, N. Y. O., E. J. Hallett, Canisteo, N. Y.
Queen Nudine Beets De Kol 178395 (Nugget Queen Prince) 2 4 26 362.0 4.28 19.37
B., G. W. Comant, W. Farmington, O. O., Sam'l de Boer, Nappanee, Ind.
Stardale Clothilde Stella 184968 (Duke Ormsby De Kol Creamelle) 2 3 26 403.7 3.72 18.78
B., Stryker & Boyson, Rome, N. Y. O., Frank N. Kelsey, Deansboro, N. Y.
Queen Percita De Kol 3d 200025 (De Kol Gerster Paul) 2 3 29 370.8 4.00 18.55
B., Lawrence Paumier, Louisville, Ohio. O., W. H. Whitacre, Cleveland, Ohio.
Piebe Changeling Clothilde 213824 (Changeling Butter Boy 7th) 2 0 11 364.0 4.08 18.54
B. & O., Hans Stensrud, Watson, Minn.
Pontiac Roosje 223481 (Pontiac Hesseltje Korndyke) 2 4 27 368.7 3.91 18.04
B., Pontiac State Hospital, Pontiac, Mich. O., State Hospital, Pontiac, Mich.
34 others above 15 lb.

A SPLENDID BULL

KING PELL SEGIS No.143954.
Born April 20, 1914.

Sire: King Segis Lyons, No. 87148. T he best son of the best individual daughter of King Segis and by the best son of the best daughter of Pietertje Hengerveld's Count De Kol.

Dam: Lady Pell De Kol 2d, No. 96672. Record: Milk 493.8; butter 26.24 and we expect this record will be increased in April. She is sister to the great cow Pietertje Floa Artis, who recently made 38.14.

King Pell Segis is big and straight, nicely marked and will do credit to a first-class herd.

Eight of his near dams average 29.03 lb.

Dr. B. B. DAVIS, 200 Bee Bldg.
OMAHA, NEBRASKA

MANY 30-LB COWS

Are not profitable year round producers. If you want a herd bull backed by several generations of heavy milking dairy cows as well as by official records and well bred sires, write to:—

THE HOLSTEIN-FRIESIAN BREEDERS' ASSOCIATION OF CHESTER CO.
PHILIP M. HICKS, Secretary AVONDALE, PA.

ROYCE STOCK FARM

Offers extra good bull calf at a bargain. Calf born Sept. 23, good size and in fine condition, handsomely marked. Sire, Changeling Abbekerk Prince, the good son of Tidy Abbekerk Prince who has 64 A. R. O. daughters, 5 over 30 lb. His dam is a 22.85 lb jr. 4-yr-old daughter of Changeling Butter Boy, who has over 60 A. R. O. daughters, one over 31 lb. and is a son of Pontiac Butter Boy and Changeling, 29-.23 lb., the first cow to produce 100 lb. milk in one day and has a daughter which made a larger record. Dam of calf, Johanna Netherland Jewel (18.85 lb.) 13550 lb. milk in 10 mo. She has 3 A. R. O. daughters who average 16.53 lb. in 7 days, average age 2 yr 7 mo. Write for pedigree and prices.

F. W. Royce Berkshire, N. Y.

READ THIS

Bonny Brook Farm offers a bull calf born Jan. 16, 1915; a good individual, more black than white. Dam's record at 2 yr., 2 mo. as follows: 7 days milk, 387.0 lb.; Butter, 17.70 lb.; 14 days milk, 751.5 lb.; Butter, 34.915 lb. She is a daughter of King Pontiac Ormsby whose first five daughters to freshen have averaged 15.63 lb. butter in seven days—all are junior two-yr-olds. Sire, King Pontiac Carlotta, who is a son of King of the Pontiacs from a 26.61-lb. 4-yr-old daughter of Hengerveld De Kol. Price $250.00.

S. SCHOONMAKER Gardiner, N. Y.

KING SEGIS PATENT LOCK
Ear Tags, Bull Staffs and Bull Rings

Description and prices of all sent on application, including samples of ear tags. 300,000 of these tags have been sold without adverse criticism. 500 of these Bull Staffs are in use by the best breeders in the business.

Please mention this paper when writing to advertiser

H. A. MOYER, Syracuse, N. Y.

FOR SALE — Daughters of

Aaggie Cornucopia Johanna Lad Jr.

In order to keep the size of our herd within due bounds, we are offering a number of his 2-yr.-old daughters with good A. R. O. records. Also a few young cows bred to Aaggie and Sir Winana Beets Segis 52927, one of the best sons of King Segis.

These are bound to prove profit producers for you; the prices too are attractive.

Have a few young bulls sired by Aaggie and Sir Winana Beets Segis, now ready for service. Winners.

Address: Grahamholm Herd, W. J. Boynton, Mgr., Rochester, Minn.

A SERVICE BULL

By the great 30-lb. sire, Prince Ybma Spofford, and from the 16-lb. 2-yr.-old, Lunde De Kol Butter Girl, who was by a 28 lb. son of De Kol 2d's Butter Boy 3d, and from a 21-lb. 3-yr.-old daughter of Korndyke Queen De Kol's Prince.

The bull was born Nov. 22, 1913, and is a nice individual. A splendid bull at a reasonable price. **J. J. LARABEE, Demster, N. Y.**

CHOICELY BRED BULLS

OFFICIALLY TESTED DAMS

PRICES REASONABLE

Correspondence solicited **WING R. SMITH, Syracuse, N. Y.**

Maplehurst Farms

Offers for sale a bull calf born Nov. 20, 1914.

Dam—Canary Hartog De Kol has just completed a record of 29.12 lb.

Grandam—Jacoba Hartog Canary: 30.81 lb.

Sire—King Pontiac Canary, 15 A. R. O. daughters, all two-year-olds, two of them making 21.07 and 20.32 lb.

Sire's Sire—King of the Pontiacs.

For price and pedigree, address

LAMB & LANGWORTHY, East Hamilton, N. Y.

PUBLIC SALE CALENDAR

March 2-3—Syracuse, N. Y. Sale Pavilion, Holstein Sales Co.

March 5—La Grange, Ohio, Pelton & Dague Dispersion Sale.

March 11—Syracuse, N. Y., Geo. F. Carter's Absolute Dispersal Sale.

March 17, 1915—Waterloo, Ia. Iowa Holstein-Friesian Breeders 2d Annual.

Mar. 30, 1915—Alta, Ill., I. J. Case.

April 7, 1915—North Benton, Ohio, Goshen Valley Stock Farms 5th Annual Sale.

April 8—Warren, Ohio. R. C. Church & Sons.

April 12-13, 1915—Syracuse, N. Y., E. M. Hastings, The 1915 Sale.

April 14-15, 1915—Earlville, N. Y. Madison-Chenango Breeders Club.

April 16—Cazenovia, N. Y. R. D. Lee's Sale.

April 19—Cortland, N. Y., R. H. Beard, 3d Annual. 100 head.

Apr. 20-21, 1915—Syracuse, N. Y. Liverpool Sale & Pedigree Co.

May 4, 1915—Waukesha, Wis. Waukesha Co. Breeders Second Annual.

May 5-6—Lake Mills Holstein Breeders' 11th Semi-annual Sale, Lake Mills, Wis.

May 11-12—Syracuse, N. Y. Sale Pavilion, Fasig-Tipton Co.

May 18—Combination Sale—Case & Clark and Pierce Bros., Lockwood, Ohio.

May 19—Howell, Mich. Livingston County Holstein Breeders.'

May 19-20, 1915—Worcester, Mass., New England Breeders Sale.

May 26, 1915 — Brockville, Ont. A. C. Hardy.

May 26-27, 1915—Sidney, N. Y., Tri-County Holstein Breeders' Sale.

June 3-4, 1915—Syracuse, N. Y. Breeders' Consignment Sale Co. 18th Public Sale.

Oct. 1, 1915—Randolph, N. Y., Southwestern N. Y. Breeders' 2d Annual.

Breeder's Bulletin

Towner Kent, treasurer of the Eastern New York Holstein-Friesian Breeders' Association, Patterson, N. Y., writes: It may be of interest to the readers of the World to know that H. D. Warner is making some fair records at Maplecroft Farms. They have just finished the test of the cow Perfection Shadeland De Kol, making about 95 lb. of milk a day and about 23 lb. butter. The cow came from the Hedgelawn Herd.

Auray Farms, Sparta, N. J., write: Auray Clorinda Pontiac, the first daughter of our junior sire, King Segis Pontiac Clorinda, to come in milk, recently freshened at the age of 1 year, 11 mo. by the service of our younger bull, Pietertje Paul Elsje, (son of our senior, Mutual Pietertje Paul) and is now on official test. She has already made over 16 lb. in 7 days which we hope to increase, and she is being continued for 30 days. Considering the fact that we never by any chance attempt to push or force our heifers with first calf, but keep them going on very light feed, even when on official test, this record is very creditable indeed. It was made easily, naturally and under absolutely normal conditions and without taking any chance of udder trouble, and shows us that without particular preparation, this heifer at less than 2 years of age is capable of giving 50 lb. of milk daily, testing 4 per cent. King Clorinda's other daughters look even more promising.

Jay W. Lee, Cazenovia, N. Y., writes: My herd sire is a son of King Segis Pontiac Alcartra, from a daughter of the famous 31-lb. cow, Buttercup De Kol Netherland. He is developing into a splendid bull, and we are looking for great things from him. His five nearest dams average 29.26 lb. I have just completed a record on a granddaughter of Sir Korndyke Manor De Kol, of 27.18 lb. butter in 7 days, 109 lb. butter, 2626 lb. milk in 30 days, this being an average of over 87.5 lb. milk per day.

G. R. Melin, Manager for E. C. Schroeder, Moorhead, Minn., writes: Spring Brook Bess Burke 2d finished her best seven days with 36.1 lb. to her credit with 736.1 lb. milk. For the thirty days she has 146.4 lb. butter and 29564 lb. milk. We believe this cow is capable of making better than this. She was five years and one month of age at time of c..lving and weighed over 2000 lb. She is by Sir Johanna Canary De Kol, the sire of Glen Canary De Kol and Queen Piebe of Fairview 2d, the former with 34.6 lb. as a senior three and the latter with 30.13 lb. as a junior four-year-old. Her dam is Spring Brook Bess Burke 34.8 lb. She is the dam of Bess Pietertje Ormsby Mercedes (33.15 lb. butter, 759 lb. milk), the World Record junior three-year-old for milk. She has also a 22-lb. junior two-year-old daughter that looks good for a big record in the future. Her youngest daughter is due to freshen next month and I believe we will land her well up in the 20-lb. list even though 20-lb. two-year-olds can't come back.

We believe we have a combination on the Spring Brook Bess family that can't be beaten. There may be a better averaging dam and daughters but we cannot find any trace of any. Can you help us out on this? We are in the backwoods here and news travels slowly.

(Editor's Note: The average for Spring Brook Bess Burke and her two daughters is unapproached by any other similar combination for either butter or milk).

W. O. Gramley, Spring Mills, Pa., writes: I have seen in your paper dated Jan. 29, 1915 that A. B. Miles of Philadelphia claims that he has the best grade Holstein cow in the United States. I can beat him with a good margin record. 7-day butter, 28¾ lb. 30-day butter, 114.90½ lb. 365-day butter 910.16¾ lb. This butter was produced at a cost of $.11¾ lb.

This cow will do more if she has the right kind of attention, being away from home at times, had to change milkers, and was a little timid in feeding. I know that she will milk 20,000 lb. milk in one year, and 1100 lb. butter if she is cared for.

George F. Blewer Estate, Newark Valley, N. Y., writes: The dam of the yearling bull we are advertising is owned by H. M. Dunham & Sons, Marcellus, N. Y., and has recently made 26.35 lb. butter in seven days.

This bull, Fytje Butter Boy No. 141834, is a fine individual and a son of Changeling Butter Boy 41398, whose dam has 29.23 lb. butter in seven days and 100 lb. milk in one day. He will make a desirable herd sire. We have

26.36-lb. Bull for Sale

Born Nov. 13, 1913.

Color more white than black. A show animal

Sire—A brother to 30-lb. 3-yr.-old.

Dam—24.93 lb. butter. Price $175 F. O. B. Waterville, N. Y. or will exchange for heifer calf of good breeding. Satisfaction guaranteed. Herd sire—King Walker Segis 2d, 102844, who was by King Walker Segis (a son of King Walker from a 28-lb. 3-yr.-old daughter of King Segis and Beauty Pietertje, 30.51 lb.), and from Betta Lyons De Kol, a 27.7-lb. daughter of the 34-lb. cow, Blanche Lyons Netherland.

Born November 1914—3 20-lb. bulls by King Walker Segis 2d. 90% white. Price $50.

W. H. CANDEE

Green Ridge Farms **WATERVILLE, N. Y.**

A BARGAIN

Bull calf—Dam: Lockhart Meta 2d No. 161539. Calf born Dec. 28, 1914. The dam as a jr. 4-yr-old has just made 24.84 lb. butter in seven days and over 100 lb. in thirty days. Calf about half black and half white and a beauty. Sire—The King of the Blacks and Whites, the bull having more 30-lb. records in his pedigree than any other living sire. Price of calf $300.00 crated F. O. B. Solsville. If interested write:

EUGENE LaMUNION, Lockhart Holstein Farm, Solsville, N. Y.

Yearling Show Bull---Ready for Service

Dam a 21-lb. cow and a first prize winner.

Sire—De Kol Paul Cornucopia King, the best son of Aaggie Cornucopia King, the best son of Aaggie Cornucopia Johanna Lad Jr., and a full brother to World's Champion 2½ and 3½ -yr.-old milk producer.

Breed the kind the public is demanding—good individuals, with plenty of milk production

D. W. WRIGHT

LAKE VIEW FARM **CAMBRIDGE, N. Y.**

HORTONDALE HERD

Offers a bull calf with 31-lb. backing at a reasonable price. His sire: Dutchland Sir Colantha Korndyke No. 65296. whose dam and both grandams average 32.24 lb. butter in 7 days, 123.85 lb. butter in 30 days. He is a son of Colantha Johanna Lad, who is living up to his reputation as a son of the only cow that has ever held the World's Records for every period from one day to three hundred sixty five. His dam, a daughter of Sir Korndyke Manor De Kol, is one of the few 31-lb. cows having a 30-lb. dam.

His dam: Miss Corona De Kol Pietertje 2d, No. 120139, with an A. R. O record of 31.13 lb. butter in 7 days. Her dam, Miss Corona De Kol Pietertje, has A. R O. record of nearly 21 lb. in 7 days.

Calf: Born Dec. 13, 1914. This calf is a fine individual, somewhat more white than black and very nicely marked. He is a large growthy fellow straight right out to the tail, and deep bodied A real show animal. Price $100.

The herd is under government supervision for tuberculosis, and is free from that disease.

Address all correspondence to

Sidney D. Horton, Prop., Salamanca, N. Y. **Seymour A. Martindale, Supt., Great Valley, N. Y.**

MOYERDALE HERD

Headed By King Lyons the Successor of the Great King Segis

Moyerdale Farm the home of the greatest producing cows of the Black and White Breed. Moyerdale Farm the home of the great King Segis, the greatest sire and grandsire of his generation

85 Officially Tested Daughters, seven of them greater than 30 lbs.

Over 500 Officially Tested Granddaughters, eight above 30 lbs.

I have 25 of King Lyons' daughters that will freshen during the coming winter. They are the finest and greatest bunch of heifers that I have ever raised, and I am expecting great results from them.

It is a good time to buy a son of King Lyons before these daughters are tested.

I have but a few of his sons left to offer for sale.

H. A. MOYER, Syracuse, N. Y., WM. B. SIMPSON, Supt.

Great Sale of Foundation Stock

DECATUR, IND., MARCH 15, 1915

60 Head of Pure Bred Holstein-Friesians 60

Watch issue of March 6th for full particulars.
Catalogs now ready and mailed on application

KUKELHAN BROS., Decatur, Ind.

Canadian Cattle are Free of Foot and Mouth Disease and can be shipped into any State

IF IN NEED OF SOME GOOD

Individuals, Cows and Heifers

Come over and inspect our herd of 80 head. Lots of good breeding and with records up to 27.38 lb. Herd sires: Son of **King of the Pontiacs** and one of the best sons of **King Walker** and that great cow, **Isabella Clothilde Walker** (5 A. R. O. daughters, 2 over 30 lb., and 1 son). Butter 7 days, 27.66 lb.; 365 days, 987 lb., milk 22,082 lb. We register all cattle in H. F. H. B. and tuberculin test.

HAMILTON FARMS

ST. CATHARINES, Ont., Canada

Farm 10 minutes trolley from Niagara Falls.

at present forty cows and heifers sired by Tidy Abbekerk Prince 37770. We are grateful to Stevens Bros. Co. for the advertising which they are giving him and his descendants. Individuals sired by Tidy Abbekerk Prince from daughters of our Changeling Butter Boy, have proved themselves desirable and bulls sired by Changeling Butter Boy 41398, out of dams sired by Tidy Abbekerk Prince, make individuals which we are proud to offer to breeders of the black and white.

Henry Welch, Granville, N. Y., writes: I have sold the bull Sir Fairview Pontiac Korndyke to Henry Gray & Son of Greenwich, N. Y., for $3,000.00 and I am to retain a breeding interest in the bull while in the possession of his present owners. They have a splendid herd of about fifty head, all the females of which have excellent A. R. O. records up to as high as 28 lb. The young bull as you know, is a beautiful individual, in fact a show bull of pronounced merit. He is now about 2 years old and in breeding is among the best, his sire being Pontiac Korndyke, while his dam is Fairview Jessie Korndyke with a record of 29.37 lb. butter in 7 days.

J. J. Larabee, Demster N. Y., writes: The young bull I am advertising in this issue of the World is an uncommonly fine individual and extremely well bred. I have been breeding Holsteins for a number of years with reasonable success. It will be remembered that a member of my herd, Lunde Korndyke, won first prize in her class by making a semi-official year's record of 1090.9 lb. butter, 26,192.7 lb. milk, which was the largest record made by any cow of the breed during the official year 1909-10. The young bull I am now offering is from a sister to this well known cow, both being daughters of the famous sire, Korndyke Queen De Kol's Prince.

M. C. Hart, Trenton, N. J., writes: I wish to thank you very kindly indeed for the two pictures which you have sent me for the subscriptions that I have sent you to the World. I did not expect to receive the second one, but you are not going to get the second one back for I would just like to have enough of them to cover the wall of my office. If there is anything that makes me feel like taking my hat off, save a lady, it is the "GOOD OLD HOLSTEIN-FRIESIAN COW" and I am going to say to you in a voice of thunder, "Let the good work go on." I will help to sound the key-note whenever possible.

Harry B. Davis, Chester, N. Y., writes: Just finished with Butter Boy May Korndyke No. 167960, a daughter of Pontiac Korndyke, from a 23-lb. daughter of De Kol 2d's Butter Boy 3d. At 4 years, 1 month, 5 days she made 27.46 lb. This is the dam of the calf I shipped to Mr. R. M. E. Potter, Lyons Falls, N. Y. Pretty good buy at $300. She gave us a bull by Korndyke Butter Boy this year. Why isn't this calf worthy of a place in a good herd?

W. H. Standish, Lyons, Ohio. writes: Mr. Mataichivo Matsuki, from Suchi Tamba, Japan, has purchased

from the Royalton Stock Farm, some very fine Holstein-Friesian heifer calves which will be retained on the Royalton Stock Farm until old enough to be bred, during which time Mr. Matsuki will take instructions on breeding rearing, feeding and handling the dairy animal by the American system. Mr. Matsuki has a farm in Japan and also Holstein cows on the same but fails to make them pay a profit. For this reason he is in the United States to obtain better methods in dairying.

James A. Reynolds, Superintendent Cooley Farms, Warrensville, O., writes: I am just in receipt of a note from G. A. Dimoc to the effect that Pontiac Aaggie Korndyke has another 30-lb. daughter, making ten in all. Will you therefore kindly change that part of our ad. which says that he has eight 30-lb. daughters to read ten and oblige.

F. M. Jones, Clinton, N. Y., writes: Among the recent sales from the Spring Farm Herd by correspondence is the young bull King Korndyke Gelsche to Kissinger & Son of Fairfield, Neb.

As to individuality King is of the best, being handsomely colored and perfectly straight on the back with good length broad behind with clear cut head, he will make a show bull of the highest order, he is as his name suggests a son of King Korndyke Pontiac Lass one of my sons of the 44-lb. cow, K. P. Pontiac Lass, this sire is siring as fine a lot of calves as any one would wish to see for individuality and quality they surely are of the high order.

The dam of King Korndyke Gelsche is Hilldale Gelsche Korndyke Segis a superior heifer in every respect being perfectly straight on the back with an even udder and well placed teats, calving in thin condition at 2 years old she made an A. R. O. record of 15.84 lbs. from 312.60 lbs. of milk, the per cent of fat being 4.01. She is a great producer, have just about got her dry now and is going to calve again in March, and barring accident without doubt will increase her record substantially. She is sired by Joe Gelsche Carlotta Clothilde. This bull has six A. R. O. daughters as two-year-olds with very creditable records 22.56 at 25 months, 20.10 at 24 months, 19.87 at 27 months, 18.85 at 26 months, He was sired by Joe Gelsche De Kol Burke, the son of the grand old matron Prilly.

Among his daughters are three with records of over 30 lbs., one over 32 lbs one over 31 and the other 30.69. This sire was butchered when young before his worth was known. He also has ten other daughters above 20 lbs.

Prilly, his dam, is the only cow to have six daughters with records taken with her own record that average over 26 lbs.

Hilldale Gelsche Korndyke Segis has for a dam Korndyke Segis. She is a daughter of the great King Segis, the greatest sire of his time, no other sired so many high record daughters and as many 20 lb. two-year-olds for his age as did King Segis. He has seven daughters all above 31 lb, except one, he has as many granddaugh-

LAKESIDE HERD
OFFERS
Model Bonanza Pontiac, No. 130637

Born March 10, 1914; ready for use.

A grand individual—mostly white—quite large, straight, lengthy, broad back and quarters, deep bodied, of great vigor and constitution, and will undoubtedly make a great sire as well as a show bull.

In breeding very superior, a combination of four of the great families of the breed.

Dam, 3 yrs. 9 mo.	29.13	Dam of dam's sire	31.01
Average fat	5.5	Average fat	4.61
Dam of sire, 4 yrs. 5 mo.	25.26	Grandam of dam's sire	25.70
Average fat	3.75	Average fat	4.17
Dam of grandsire in the 14th year	26.58	Great grandam of dam's sire	25.77
Average fat	4.36	Average fat	4.04
Great grandam of sire, 4 yrs. 3 mo.	28.23		
Average fat	3.45		

These seven records average 27.52 lb. and the per cent of fat averages 4.29.
17 nearest tested dams average 25.24 lb.
A remarkable showing considering the age of the dam, dams of sire and grandsire.
Expect good increase in dam's record this season.
Pedigree and photo on application.

E. A. POWELL, 904 W. Genesee St., SYRACUSE, N.Y.

Bed With Baled Shavings

Best absorbent. Cheaper than straw. Improve manure. Shavings will soon be scarce, prices higher and shipments delayed Better get busy with your order.

Oscar Smith & Son ALBANY, N.Y.
(Eastern States,) **New England Baled Shavings Co. ALBANY, N.Y.**

Low Prices

Write for Price

Prompt Shipment

CHENANGO VALLEY STOCK FARM

Herd headed by
PRINCE RAG APPLE KORNDYKE, No. 73416
Sire— Pontiac Korndyke.
Dam— Fairview Rag Apple Korndyke.

WHITMAN A. FOLLETT NORTH NORWICH, N. Y.

The Balsams Stock Farm

Our first six cows to complete a yearly test averaged 15701.2 lb. milk—649.6 lb. butter.
Only three were matured cows.
We have others coming along just as good or better. Would not a bull from this kind of a herd suit you, especially when he was sired by a son of Creamelle Vale?
We can supply you at reasonable prices.

HENRY S. HALE, Owner P. A. CAMPBELL, Mgr.
DIXVILLE NOTCH, N. H.

2---Ready for Service---2

Sired by King Cornucopia Sadie Vale No. 83371. Look at his cut in Jan. 30 issue. His sire is Aaggie Cornucopia Johanna Lad Jr., the greatest prize winner and sire of prize winners of the breed. He now has 37 A. R. O. daughters.

King Cornucopia Sadie Vale's dam is Sadie Vale Pietertje, A. R. O. at 5 years, 73 days after calving, 33.21 lb. butter in 7 days, 136.21 lb. in 30 days, 104 lb. milk in one day, 702 lb. milk in 30 days, 2941.9 lb. in 30 days; in one year 1050.70 lb. butter, 21446.80 lb. milk. She has a 3-yr-old daughter A. R. O. 25.13 lb. butter in 7 days. A ¾ sister made 1041 lb. butter in 30 days, 24190 lb. milk in one year (World's Milk record). King has sister that has just made 28.25 lb. butter in 7 days. She has two daughters that average 29 lb. butter in 7 days.

No. 1—**KING CORNUCOPIA DROSKY.** Born Feb. 1, 1914; well grown; 2-3 white. His dam and sire's dam average 30.80 lb. butter in 7 days, 112.40 lb. in one day. His dam made 121 lb. milk in one day, 747 lb. in 7 days.

No. 2—**KING CORNUCOPIA SADIE.** Born Jan. 1, 1914; fully ½ white. His dam and sire's dam average 27.51 lb. butter in 7 days, 113.17 lb. butter in 30 days. Average one day's milk record, 107.50 lb. His dam gave 111 lb. milk in one day.

These two bulls carry 50 per cent of the blood of Aaggie Cornucopia Johanna Lad Jr. They are fully as good individuals at the same age as their sire and grandsire. They are closely related to all the animals whose cuts appeared in the issue of Jan. 30-Feb. 13.

Mr. Breeder—If you like the looks of these animals, get a bull that will breed some like them. If you have sloping animals, get one of these bulls to straighten out the offspring. If you have nice, straight animals, get one of these bulls to keep them straight. They have been bred right for generations. They have been bred for large milk and butter records for gnerations. Their ancestors have won many prizes at the leading fairs of the world. The herd numbers 75 animals; every one straight as a line; all closely related to the cuts in the Jan 30 and Feb. 13 issues. If you want a bull that will give satisfaction, write for tabulated pedigree.

M. S. NYE, Preble, N. Y.

SONS OF HERD SIRE

Uneeda Korndyke Abigail Boy 102287

He is son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb bull, Johanna McKinley Segis, son of King Segis.

Offer No. 1—Bull born in June from a 24½-lb. cow.
Offer No. 2—Bull born in March from a 20-lb. cow.
Also a number of younger cows.

HENRY ANTHES, Jefferson, Wis.

JENNINGHURST STOCK FARM

TOWANDA, PA.

Home of RAG APPLE KORNDYKE the greatest son of Pontiac Korndyke offers a few choice bull calves.

W. W. JENNINGS, TOWANDA, PA.

Son of Pietertje Hengerveld Segis

The famous 33-lb. son of King Segis, from the best daughter of Pietertje Hengerveld's Count De Kol and Blanche Lyons.

The dam

Maple Ridge Ormsby 103576, (24.09lb.) who was by a 23-lb. son of Duchess Ormsby Butter King, and from a 27-lb. daughter of a 27-lb. cow. The **grandam** has a semi-official year's record of **1100.3 lb.** butter, **28,436.10 lb.** milk.

This young bull was born April 14, 1914, is about evenly marked, a splendid individual, and with a pedigree difficult to improve upon. Write for complete information.

H. C. SWARTOUT, Terracelawn Farms
Hartwick Seminary, N. Y.

ters above 30 lbs. I think in all he has over 600 officially tested granddaughters. A large number of his sons are heading leading herds to-day.

Korndyke Segis has an A. R. O. record of 27.48 lbs. from 571.90 lbs. of milk. She is owned in Mr. Hugh Davis herd at Broadalbin, N. Y. They believe she will go over the 30-lb mark at her next freshening.

With a young bull with the breeding and quality that King Korndyke Gelsche has, used on the fine herd of females that Kissinger & Son have in far away Nebraska, they will surely attract attention as being breeders that are not satisfied with the average but have something first class.

G. H. Truckell, secretary Holstein Sales Company, Liverpool, N. Y., writes: The catalogue for our March sale will be in the hands of many of your readers before this issue of the World reaches them. They will find the animals of remarkable breeding. The four mature bulls in this sale are very valuable and should stand at the head of leading herds. King Pontiac Johanna, being by King of the Pontiacs, from a daughter of Hengerveld De Kol, has a combination of breeding greatly in demand: King Hengerveld Pietje whose two nearest dams average 34.75 lb. butter and whose first daughter to come into milk has made over 21 lb. as a junior two-year-old, is certainly desirable; King Pontiac De Kol Burke being by King of the Pontiacs from a 28 lb. junior four-year-old daughter of Sir Korndyke Manor De Kol and her dam 25.7 lb. by De Kol Burke is a bull that has in his veins the blood of wonderful transmitting sires; and King Pontiac Pelham De Kol by King of the Pontiacs from a 30 lb. cow will of course be sought for.

The Tanner-Tooke Herd is as most of your New York state readers know, one of the best in this country, and its dispersion offers cattle men opportunities to secure animals that otherwise would not be in the market. The other consignments are all of uniform high quality, and the animals in the sale of exceptional individuality.

The sale will open at ten o'clock a. m. Tuesday March 2nd. The first animal led into the ring to be sold, will be Wavelet Segis who recently closed a record of 28.1 lb. butter in 7 days. She was sired by De Kol Beets Segis, he by King Segis from a daughter of Paul Beets De Kol, her dam is a sister to Valdessa Scott 2d, the first cow to make over 40 lb. butter in 7 days. You can see from this the character of this sale.

A. R. O. TEST BOOKS

Do you have anything to show for the day by day production of your high record cows?

A business like book for keeping eighty official records in detail. **Price 65c. book, 2 for $1.00.**

If your cows are profit producers, it will show to best advantage on our heavy manilla daily record milk sheets.

Space for 15 cows..... **50c** per doz.
" " 20 " ..... " " "
" " 25 " .....**60c** " "
" " 30 " ..... " " "
" " 35 " .....**75c** " "
" " 40 " ..... " " "
" " 45 " ..... " " "

We pay Postage.

THE CORSE PRESS
Sandy Creek, N. Y.

HILLDALE STOCK FARM

HERD SIRE

KING SEGIS BEETS 487 02

whose 35 A. R. O. daughters include:

Hilldale Rosa Segis -	4 yr.	31.52	Loretta Wayne D. K. 3d	3 yr.	28.01
Hilldale Mercedes Segis	3½ yr.	30.73	Hilldale Sadie Segis	5 yr.	26.12
Hilldale Gem Segis	4½ yr.	28.60	Hilldale Segis De Kol 2d	4 yr.	25.26

13 others above 20 lb., including 6 2-yr.-olds.

Has more high record daughters than any other son of King Segis.

His offspring are all of the same type and they look good to us.

We have a few of his sons ranging in age from young calves up to serviceable age. Their dams have good records, and the prices are made to sell them at once.

We have also a few grandsons of Pontiac Korndyke, from daughters of King Segis Beets, and other good record cows.

Write for pedigrees and photographs. They will help you to solve the bull problem.

J. A. STANTON & SON

New Woodstock, N. Y.

HE LEADS THEM ALL

For seven years we have been telling our friends, the Breeder's that the time would come when King of the Pontiacs, our leading herd sire, would lead in respect to number of A. R. O. daughters. Today, December 12. 1914, he has 122 daughters that have qualified for the Advanced Registry. thus surpassing his nearest competitor, Lord Netherland De Kol (121 A. R. O. daughters) who in turn won the title of Premier sire of the Holstein Breed from Hengerveld De Kol (116) the maternal grandsire of King of the Pontiacs.

Now, as a nine-year-old bull:—

King of the Pontiacs leads the breed in respect to number of A. R. O. daughters.

He leads by being the sire of the Champion Cow, K P Pontiac Lass, the only 44-lb. cow in the world.

He leads by being the sire of four daughters that each have records of over 30 lb. butter in seven days made at second calving, something no other bull has.

He leads by being the sire of the only two-year-old heifer that ever produced 1000 lbs. butter in a year's semi-official test.

He leads by having more two-year-old daughters that have made 20 or more pounds butter in seven days than can be shown for any other bull.

He leads by being the only sire that has 100 or more A. R. O. daughters whose sire and grandsire each have 100 or more daughters in the Advanced Register.

He leads by having greater prospects than any other sire of his age. If you saw the splendid array of heifer calves, yearlings and two year-old heifers, not yet fresh sired by him, in our stables, you would agree with this statement.

His sons and grandsons inherit this wonderful producing blood. They make **profitable herd-headers.** Come and see them at

STEVENS BROTHERS COMPANY, Liverpool, N. Y.

OUR HERD SIRES

KING PONTIAC JEWEL 55753
(6 years old)

By King of the Pontiacs and out of a 25.65-lb. 3-yr-old daughter of Hengerveld De Kol. His 13 A. R. O. daughters average 3.78 per cent butter fat and include:

Locust Grove Jewel ...3½ y 23.18
Clothilde Jewel Pontiac ...3 y 21.28
Pauline Pontiac Jewel ...2 y 21.03

PIETERTJE HENGERVELD SEGIS 44781
(8 years old)

By King Segis and out of Blanche Lyons De Kol 33.31 lb. daughter of Piet. Hengerveld's Count De Kol and Blanche Lyons, who has 4 30-lb. daughters. His 42 A. R O. daughters include:

4 4-yr-olds that average 27.01 lb. each
4 3-yr-olds that average 26.46 lb. each
11 2-yr-olds that average 21.30 lb. each
and all above 20 lb. each.

FOR SALE—At right prices—choice bull calves, also two fifteen months old, ready for use. Also will offer a few young cows and heifers.

Write, or better, call at the farm.

W. C. Hunt, Fayetteville, N. Y.

Farm right on trolley line, half hour from Syracuse. Bell 'phone. Choice alfalfa hay in ton or car lots.

NORTH STAR HERD

Home of SIR BEETS CORNUCOPIA NETHERLAND 38460
JOHANNA BONHEUR CHAMPION 94984

All our milking females are carried in semi-official yearly test under normal conditions.
Our show ring records have never been duplicated.

INDIVIDUALITY PRODUCTION BREEDING

We have for sale a few bull calves representing this combination. They are winners by right of inheritance.
Inspection is welcomed

W. S. MOSCRIP, Lake Elmo, Minn.

A REAL HERD HEADER

Sire—Beauty Pietertje Butter King Jr., whose two nearest dams average 31.73 lb., and who closely combines the blood of three of the four series of "3 generations of 30-lb. cows," his own dam being the only 32-lb. cow to have a 31-lb. daughter that in turn has a 31-lb. daughter.

Dam—Ruby De Kol Burke 2d (28.48 lb. butter, 584.6 lb. milk at 4 years), who was by Sir Korndyke Manor De Kol, and from a 25.69-lb. daughter of De Kol Burke.

This young bull was born in March 1914, and is a fine individual, nicely marked. His four nearest dams average 29.2 lb. Send for pedigree.

Wm. Hunter HUNTER BROOK FARM Fulton, N. Y.

Pietje Alcartra Fayne 88972

Sire's dam—

PIETJE 22d—The greatest imported cow:

Butter 7 days	31.62 lb.	Milk.....673.90
Butter 30 days	128.38 lb.	Milk.....2776.40
Butter 6 mo.	566.60 lb.	Milk.....13673.90

3 A. R. O. daughters.

PIETJE 22d's SECOND DAUGHTER:

Butter 7 days	29.51 lb.	Milk.....584.70
Butter 30 days	117.38 lb.	Milk.....2507.60
Butter 3 yr., 365 da	829.53 lb.	Milk.....19722.90

PIETJE 22d's THIRD DAUGHTER:

Butter 4 yr.	27.58 lb.	Milk.....437.00
Butter 30 days	105.97 lb.	Milk.....1979.00

PIETJE 22d's DAUGHTER:

Butter 7 days	25.19 lb.	Milk.....533.40
Butter 30 days	104.50 lb.	Milk.....2202.20

Do you like this blood? Remember that every calf from Pietje Alcartra Fayne is straight and a show animal in every respect. Service fee $100.00.

Come to Bellows Falls, Vt., Feb. 24, 1915 to the Prentiss & Lovell Sale. Catalogs ready.

J. W. Prentiss & Son Alstead, N. H.

AURAY FARMS BREEDING

De Kol 2d-King Segis Combination

We have made a specialty of uniting the blood of De Kol 2d, greatest of all transmitting cows, with that of King Segis, one of the four greatest transmitting bulls.

AURAY FARMS HERD

is especially strong in the blood of such famous foundation cows as: De Kol 2d, Belle Korndyke, Blanche Lyons, Lillian Walker and Prilly; through King Segis, Hengerveld De Kol, Pontiac Korndyke, King of the Pontiacs and other famous descendants.

AURAY FARMS BULLS

Mutual Pietertje Paul

No. 31943. 30 A. R. O. dau. and 15 sons. The best individual grandson of De Kol 2d, by her famous son, De Kol 2d's Mutual Paul; and from the great cow Winana Piet. De Kol, dam of 4 A. R. O. dau.—2 over 31 lb.

KING SEGIS PONTIAC CLORINDA

No. 82157. By the greatest son of King Segis and from a daughter of King of the Pontiacs. His first daughter to come in milk is now on A. R. O. test and making 16 lb. at 2 yr.

PIETERTJE PAUL ELSJE

No. 112054. A worthy son of Mutual Pietertje Paul and from a daughter of King Fayne Segis. He traces no fewer than 16 times direct to De Kol 2d, and is the strongest De Kol bred bull in service.

Write for printed charts, etc., of some of their young bull calves, bred for

INDIVIDUALITY PERFORMANCE and TRANSMITTING ABILITY

F. M. Avery I. M. Avery, Mgr.
Sparta, Sussex Co., N. J.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro Camillus, N. Y.

GOOD BULLS CHEAP

No. 1, Born Feb. 16, 1913:
Sire, Walker Korndyke Segis. Dam, Inka Pietertje Beets Johanna. 20 lb. butter in 7 days. Price $175.00.

No. 2, Born Feb. 23, 1913:
Sire, Korndyke Inka Butter Boy. Dam, Corintha 3d Mechthilde. 12 lb. butter in 7 days as a jr. 2-yr-old. Price $125.00.

No. 3, Born March 7, 1914:
Sire, Korndyke Butter Boy 19th. Dam, Corintha 3d Mechthilde. 12 lb. butter in 7 days as a jr. 2-yr.old. Price $100.00.

Also a son of Spring Farm King Pontiac.

Dr. J. R. Allen, Orwell, N. Y.

PEDIGREES

that sell your cattle

PRINTED—TYPEWRITTEN
PROMPT SERVICE
PRICES RIGHT

HARRINGTON & GEROW
Madison, Wis.

The only office in the Middle West equipped for the management of Public Sales, and the rapid compilation of Catalogs and Pedigrees.

COL. D. L. PERRY

THE

HOLSTEIN AUCTIONEER.
I also sell satisfaction.
COLUMBUS, OHIO.

HOLSTEIN AUCTIONEER

To insure the success of your sale you need Kelley in the box.

For dates write

Col. B. V. KELLEY. Syracuse, N. Y.

A SUCCESSFUL HOLSTEIN SALE
requires
THE RIGHT AUCTIONEER

Satisfied patrons all over the country testify to the quality of my work. For dates and terms address

COL. CAREY M. JONES
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YOUR HOLSTEIN SALE
needs
MACK
Always on the job—for RESULTS.
In the box or in the ring.
For dates address
COL. J. E. MACK
Ft. Atkinson Wisconsin

When in need of an Auctioneer

LET WHITE DO IT

Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.
Dates made anywhere.

ROY WHITE
Woodstock Illinois

GRANITE STATE HERD

OFFERS a show bull. Born June 26, 1914; very large; splendid build; ½ white.
Sire—Pietertje Hengerveld De Kol Segis, bred and built right.
Dam—a grand old cow, good conformation, square udder, well veined, heavy producer. Her grandam was imported.

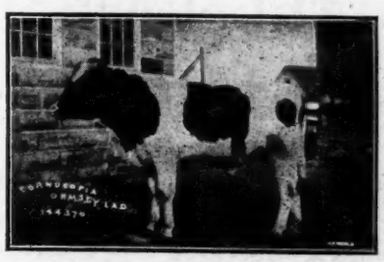
JOHN E. POTTER, Conway, N. H.

"Of the Breeders
By the Breeders
For the Breeders"

Handy Herd Register (loose leaf)—Nothing better in its line.
Pocket Herd Guides—The owner and herdsman's friend.
Official Record Test Books The best on the market.
Envelopes for Registry Certificates.
Pedigrees and Catalogs compiled.
Pedigree Blanks
Consignment & Dispersion Sales.

Liverpool Sale & Pedigree Co., Inc.
Liverpool, N. Y.

HERE HE IS!



This is Cornucopia Ormsby Lad 144370, advertised in last week's issue. You will remember he was born Dec. 26, 1913, is out of the wonderful 33-lb. cow, Ada Cornucopia Posch, and by Ormsby Korndyke Lad, whose two nearest dams average over 35 lb.
Won't he make a herd sire for somebody?
We don't expect to keep him much longer.
Get busy if you want him.

Davisdale Farm HARRY B. DAVIS, CHESTER, N. Y.

Marble Valley Stock Farm

Offers bull calf born Nov. 16. Sire—Fairview Korndyke Lad, son of Pontiac Korndyke and Pontiac Pet 37.68 lb.
Dam—An 18.66 lb. jr. 2-yr-old granddaughter of Pontiac Korndyke; her sire a full brother in blood to Pontiac Clothilde De Kol 2d 37.21 lb. 7 days; 1271 6 lb. 365 days.
Calf is 4-5 white; a dandy, and guaranteed to please. Price $100 if taken at once.

ROBERT F. MEAD, West Rutland, Vt.

Grandson of Pontiac Korndyke. Sired by one of his best sons

SIR PONTIAC ROXIE KORNDYKE

No. 12—Born Mar. 20, 1914 3-5 black, a nice individual and well grown. Dam made 24.69 butter and 508 lbs. as junior 4-yr-old. Price $200 00. Several others from good A. R. O. dams. Inquire about them before buying.

PEACEFUL VALLEY FARM
Oxford Depot .·. Orange County .·. New York

Riverside Stock Farm

Offers for sale bull born May 15, 1914

Sire—King Pontiac Boon Lilith, No. 106026, son of King of the Pontiacs from a 30-lb. daughter of Lilith Pauline De Kol's Count. One of the best individuals and best bred sons of King of the Pontiacs.

Dam—Edith Prescott Pontiac, No. 123450. A. R. O. Record.

Butter 7 days	25.17 lb.	30 days	101.5 lb.
Milk " "	423 5 "	" "	1728.8 "
Average fat	4 7%	" "	4.7%

At 2 yrs. 3 months (World's Record when made).

Butter 7 days	28.01 lb.
Milk " "	502.0 "
Average fat	4 46%

At 4 years 2 months.

She and her junior 2-year-old daughter, Edith Prescott Pontiac 3d, hold the World's 2-year-old record for mother and daughter; their records averaging 23.66 lb. butter as junior 2 year-olds.
Edith Prescott Pontiac is a granddaughter of Hengerveld De Kol and Aaggie Cornucopia Johanna Lad.
Calf is light in color, straight on the back and is a fine individual in every way.
Write for pedigree and prices.

A. W. BROWN & SONS
West Winfield, N. Y.

Tidy Abbekerk Prince No. 37770

The **greatest transmitting sire** of the breed! 64 A. R. O. daughters, 5 of them making over 30 lbs. butter in seven days, in less than that many months.

Tidy Abbekerk Princess Gretel,	32.30	Tidy Abbekerk Princess Alche ¾ udder,	30.30
Tidy Abbekerk Princess Jewel,	31.70	Tidy Abbekerk Princess Pauline, 4 yr.	30.27

Tidy Abbekerk Princess Bettina, 30.13

His dam, **Tidy Abbekerk** "The Canadian Champion" is one of the best producing and greatest transmitting cows that ever lived who has transmitted her wonderful individuality to all her descendants. Her record of 27.29 was the 5th highest in the world at the time it was made and was the highest Canadian record for many years.

This great record was made under normal, everyday conditions, as the cow was dry but six weeks and was handled by a man who at that time was inexperienced.

Time flies Eventually you will want some of the blood of this great bull. **His daughters are not for sale at any price.**

There are two ways to obtain some of his blood: Engage a bull calf from one of our good cows, or breed a few cows to him.

Service fee **$100.00.**

SEND for PEDIGREE and PHOTOGRAPH

HENRY LATHROP & SONS
Sherburne, N. Y.

STEVENS BROS. COMPANY
Liverpool, N. Y.

The World Is Not Full of 40-Lb. Bulls. No!

BUT

JOHANNA KING SEGIS is one. He is a brother to King Segis Pontiac Chicago that sold in the June Sale for $20,000. Did you ever stop to consider how 40 lbs. would look on the top side of the Pedigree? Send your best cow and breed to King and if it don't prove the best investment you ever made in Holstein cattle we don t want your money Service fee is $250 and cows with 20 lb. records or better will be bred on halves.

OAK GROVE & TWIN PINE FARMS

Houslet & McNutt **Oxford, Wis.**

Address all correspondence to Neal Houslet, Oxford, Wis.

A BULLY BUNCH

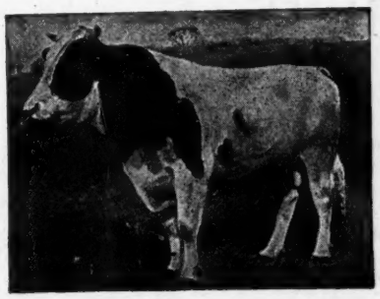
1 four-year-old grandson of Pontiac Butter Boy, out of a 27-lb. dam.
1 three-year-old **grandson of Pontiac Korndyke,** out of a 31-lb. dam.
8 bulls ready for service.
10 bull calves, from two weeks to eight months old.
2 two-year-old heifers due to freshen in the spring.
Let me sell you your next bull, **won't you? Yes.** Thank you, and I will expect to hear from you or see you soon. Don't wait until you need him, for the one you want may be gone then.

L. E. CONNELL, FAYETTE, OHIO

KING LUNDE PONTIAC KORNDYKE

HIS FOUR

nearest sires are King of the Pontiacs, Pontiac Korndyke, Hengerveld De Kol, and Korndyke Queen De Kol's Prince. They are the sires of 404 A. R. O. daughters, 25 with 30 to 44 lb. They each have 1000 lb. year record daughters.



HIS DAM

Lunde Korndyke, one of the finest individuals of the breed, produced 120 lbs. milk in one day, 745 lbs. in 7 days, 10191.9 lbs. in 100 days, 26192.7 lbs. in one year, 30.82 lbs. butter in 7 days, 124.02 lbs. in 30 days, 1090.91 lbs. in 365 days.

The Only Son of King of the Pontiacs Whose Dam Has as Great a Combined Semi-Official Yearly Milk and Butter Record

He is a brother to the only 44-lb. cow and to the only 1000-lb. year record two-year-old and to 28 two-yr-olds that have exceeded the 20-lb mark in 7-day official work. He has 70 young daughters, 40 in our herd. Come and see them and you will realize the great transmitting power of King Lunde Pontiac Korndyke.

When Selecting Your Next Herd Sire

Remember that he is MORE than half the herd. He should be strong, vigorous and of the highest type of individuality, backed by a continuous line of ancestors of the same individual merit, having official records showing a normal persistent production of large quantities of milk and butter. Such qualities insure transmitting power.

WE OFFER six or eight sons of King Lunde Pontiac Korndyke from 9 to 12 mo old that will please you. They are superior in individual merit and all from high record, persistent producing dams. Some from cows with 25 to 29 lbs. butter, that produced close to 100 lbs. milk per day. We shall be pleased to send you our folder describing them. They are priced very low for quality. An early application will secure one of the best. We also offer some extra good young A. R. O. cows in calf to our great herd sires.

No other herd on earth is headed by two sires, whose dams have as great a combined yearly milk and butter record

E. H. KNAPP & SON P. S. Watch This Space **FABIUS, N. Y.**

FOUR NEAREST DAMS AVERAGE 33.56 LB.

King Pontiac Rose

A bull calf born March 7, 1914, a very nice, large, thrifty youngster, very straight and long bodied, handsomely marked.

Sire—the $15,000 son of the only 44-lb. cow.

Dam—Queen Rose Paul 117941. She has a 7-day record of 23.25 lb., which is sure to be greatly increased in later tests. Her dam, Highlawn Rose Paul, has a record of 32.41 lb., and is the most economical producer in my herd.

6 direct generations of dams on the bottom of his pedigree average 25.73 lb.

This bull is sure to have a great future.

Address Quentin McAdam, Brothertown Farms, 23 South St., Utica, N. Y.

OUR FREE BULL PROPOSITION

If in need of a highly bred bull, write for our free proposition and learn how you can get a son of one of the best bred bulls in the world, "Beach Segis Pontiac" and an A. R. O. dam without investing a dollar.

BEACH & WIRT, Battle Creek, Mich.

LORENZO FARM

Herd sire—**Lorenzo Pontiac Korndyke**

THE 31-LB. SON OF THE GREATEST SIRE

Carrying 75% of the blood of PONTIAC KORNDYKE

His dam is Pontiac Queen Korndyke, a 31-lb. daughter of Pontiac Korndyke.
His grandam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.
Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

Chas. S. Fairchild, Prop., Cazenovia, N. Y.

N. B. We can offer a few young sons of Lorenzo Pontiac Korndyke, from good record dams

LOOK HERE ! !

FOR A HERD SIRE

Sire—A 33-lb. son of Pontiac Korndyke.

Dam—A 26-lb. daughter of King Segis.

Born Dec. 6, 1914; evenly marked and a nice one.

Can you beat this an any price? Certainly not at our price.

For complete information address

HUGH J. DAVIS, Broadalbin, N. Y.

Maple Ridge Herd

A CHOICE BULL OFFERED

In KING ORMSBY SEGIS HILLVALE born March 10, 1914, sired by KING SEGIS PONTIAC COUNT, the world's yearly record sire, a brother to the $50,000 bull and the $20,000 calf. Dam, Hillvale Aaggie 24.62 lbs., a sister to Pietertje Maid Ormsby 35.56 lbs., another sister over 33 lbs. The records of his dam and two of her sisters, his sire's dam and four of her sisters, and his sire's grandam, average for the nine 33.09 lb. He will be snapped up quick at the price we will put on him. Write today for pedigree.

Arden Farms, Inc., Merriam Park Sta. St. Paul, Minn.
Jos. M. Hackney, Pres. W. J. Young, Mgr.

THREE FEMALES FOR SALE

Two three-year-old heifers and one two-yr-old. All well bred, in calf to a bull well lined with 30-lb. blood. Price $700.00.

Four fine young bulls about ready for service. Write and let us tell you about them.

BELVOIR FARM Lake Geneva, Wis.

GREENVIEW STOCK FARM

Herd headed by King Pietertje Hartog Pontiac No. 105976. A son of King of the Pontiacs and Rouble Hartog De Kol Pietertje No. 69124; 645.2 lb. milk, 24.79 lb. butter in 7 days at nine years of age.

We offer a son of King Pietertje Hartog Pontiac, born Jan. 15, 1915. The dam is a granddaughter of King Segis. Nicely marked. Price $25.00.

O. L. IVES, Guilford, N. Y.

EMBLAGAARD HERD

Sires in service:

Colantha Johanna Champion 45674. The proven son of Colantha 4th's Johanna.

Emblagaard Prince 80596. A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb daughters, that have also produced 30-lb. daughters.

EMBLAGAARD DAIRY BIG BAY, MICHIGAN

R. F. Hildebrand

The Live Stock

Photographer

Union Stock Yards, Chicago

20.55 LB. BUTTER. 4.45% FAT.

This is the 4-yr-old record of the dam of the bull calf we are offering. The sire, a son of a 25-lb. cow, is a grandson of Paul Beets De Kol and Korndyke Queen De Kol's Prince.

Calf was born Nov. 18, 1913, is ¾ white, and a very nice, straight, well grown individual.

For further particulars address

GEORGE T. McNEIL Theresa, N. Y.

HERE THEY ARE

Three Bulls For Sale

One born June 10, 1913. Price $150
One born Dec. 18, 1913. Price $125
One born Feb. 22, 1914. Price $100

Well grown and nicely marked, about equal black and white. All crated F.O.B. this place. MAPLE FARM
Middleville, Herkimer Co., N. Y.

WATER IN THE STABLE A NECESSITY...

THE "BUCKLEY" Device

for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.
Poughkeepsie, N. Y.

FOR SALE—ORMSBY PRILLY BULLS

Beauty Pietertje Prince, 14 A. R. O. daughters, headed Mr. Hartshorn's herd. His sons head herds owned by A. W. Morris & Sons, Woodland, Cal., Mr. Cortelyou of New Jersey and others. Two serviceable sons from sisters to Pietertje Maid Ormsby, with records, 16.25 and 23.30. Price $150 and $300; good individuals, light color. Four dams average 26.42, 7 days. C. B. REDDELIEN
North Lake, Wis.

RIGHT NOW

Will sell fifteen to twenty females, cows or heifers. Take your pick from our herd of a hunderd head.

JAMES W. FEAR
Maple Grove Stock Farm
Holland Patent, N. Y.

Holstein Advertising Buying or selling you may profit by our help in locating cattle or finding customers. A dozen years' experience enables us, with our up-to-date equipment to give you the first hand information not to be found elsewhere; and also to handle in the most acceptable manner, livestock advertising, pedigree and catalogue work, and the management of public sales. E. M. Hastings, Holstein Advertising, Lacona, N. Y.

READY FOR SERVICE

SONS of King Segis Pontiac Columbo, three-fourths brother to the $50,000.00 bull.

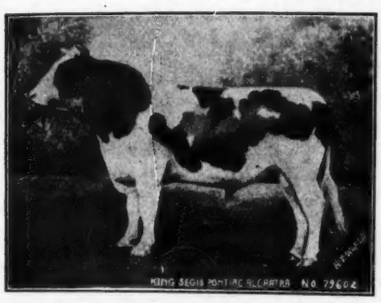
Their dams all have fine A. R. O. records up to 31 lb.

Price $150 to $2,500

State your requirements and send for extended pedigrees and full particulars or come and see them and see the great Superba Herd.

Pine Grove Farm, ELMA CENTER near Buffalo, N. Y.
OLIVER CABANA, Jr., Owner

KING SEGIS PONTIAC ALCARTRA 79602



We haven't any sons of King Segis Pontiac Alcartra at the present time to offer you.

We have, however, a young son, dark in color, sired by the $25,000 bull.

JOHANNA McKINLEY SEGIS

whose dam is the $7,000 20-lb. cow Johanna De Kol Van Beers.

The calf's dam,

PONTIAC KORNDYKE MAID, 33.76 LB.

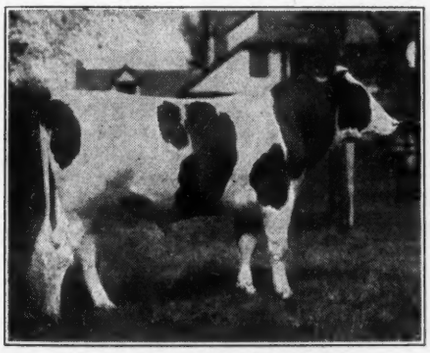
butter in 7 days, is one of the best daughters of Pontiac Korndyke, and her dam was the 20.51 lb. 9½ yr-old cow, whose sire was a son of the former World's Record cow, Alta Posch, 2½ years, 27.08 lb. butter. Third dam, on the dam's side, a 20.71 lb. daughter of Paul Beets De Kol, who was also the dam of 3 A. R. O. daughters from 20 to 27 lb., and the 4th dam, on the dam's side, a 15-lb. 3½-yr.-old who was the dam of 7 A. R. O. daughters.

This calf's three-quarter yearling brother brought $12,500 at the Dollar Sale.

Write us for his price for a quick sale.

LAWSON HOLDING CO., Inc.

LA GRANGEVILLE, DUTCHESS CO. NEW YORK



King Korndyke Colantha Ormsby

Woodlake & Clover Farms

Will You Consider

HEADING YOUR HERD with a straight, long, well-bodied, handsomely marked, young bull of splendid type and finish?

A son of **King Korndyke Colantha Ormsby No. 96546** who combines in closest relation the world's record cows, Pietertje Maid Ormsby, Colantha 4th's Johanna, Grace Fayne 2d's Homestead, Pontiac Pet and Pontiac Clothilde De Kol 2d, the blood of the highest priced bulls on record.

Or a son of **Sir Korndyke Hengerveld De Kol No. 41266** that would give you type and production of the Hengerveld De Kol, Pontiac Korndyke and Sir Ormsby Hengerveld De Kol combination.

Or a son of **Maplecrest Butter Boy De Kol No. 94156,** who is a seventy-five per cent brother of Banostine Belle De Kol, the greatest dairy producer to date.

Sons of these bulls, fine, strong individuals, from two to sixteen months old, out of Advanced Registry cows of richest breeding, some with records of thirty to thirty-five pounds of butter in 7 days, and of most popular breeding, will give any herd a standing for production, constitution and high individual merit. COME and SEE THEM.

Two and one-half miles from the Minneapolis City Limits, on Lyndale Ave. South of Irwin Station on the Dan Patch line.

JOHN B. IRWIN - Station F, Minneapolis, Minn.

What About Your Next Herd Sire?

It will not be long before you will be in need of a new service bull and you are already asking yourself, what will my next herd bull be? This is a most serious problem and upon its right solution depends the success of your future herd.

For the past eighteen months, we have told you a great deal about Spring Farm King Pontiac 6th, his unequalled breeding and inherited transmitting ability. That he carries 87½% the same blood as K. P. Pontiac Lass, the world's record 44-lb. cow, an average of 66⅔% the same blood as each of three cows whose average official records are 38 67 lbs. for seven days and 150.12 lbs. for thirty days. His dam, a granddaughter of De Kol 2d's Butter Boy 3d, has a record 34.39 lbs. for seven days, her daughter 44 lbs. for seven days. The average records of dam and daughter, exceed any other dam and daughter by a large margin for both seven and thirty days. In fact, he carries more extreme high producing blood than any other bull.

On his dam's side Spring Farm King Pontiac 6th not only inherits the capacity for large production but his dam has shown her ability to produce thru her descendants, in a way unapproached by any other living cow.

On his sire's side, Spring Farm King Pontiac 6th is from the best record son of King of the Pontiacs from a 37-lb granddaughter of De Kol 2d's Butter Boy 3d. The first seven daughters of Spring Farm King Pontiac to freshen, at an average age of under two and a half years have records averaging better than 21 lbs. each, three of them exceeding the 22-lb. mark. A showing never yet equalled by any other bull in the world.

Spring Farm King Pontiac 6th is having and will have an opportunity, he is having our own large herd and many high class outside cows. Our $1,000 futurity insures the development of his daughters. All these things are worth considering when buying your future herd sire.

Spring Farm King Pontiac 6th has extreme record backing, extreme inherited producing ability thru his dam and there could be nothing better than his line of sires, Hengerveld De Kol, Butter Boy 3d, Pontiac Korndyke, King of the Pontiacs, Spring Farm King Pontiac, all of which in many important respects excel all other sires of their generation.

When the daughters of Spring Farm King Pontiac 6th are tested, his sons will advance in value, as have the sons of the sires behind him.

We have a few of his sons, from well bred, large producing A. R. O. dams, they would please the most critical. They are exceptionally good individuals, straight and square, deep bodied, strong and vigorous calves, that are bound to make sires of large producing daughters.

Write us for pedigrees, descriptions and prices, also literature regarding Spring Farm King Pontiac 6th.

The bull that puts degree in pedigree

HENRY STEVENS & SON

Brookside Stock Farm

Lacona, N. Y.

(Est. by Henry Stevens 1876) **(175 Head)**